Peter L Mclennan

List of Publications by Year
in descending order

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Version: 2024-02-01

95 papers	3,847 citations	117625 34 h-index	123424 61 g-index
95 all docs	95 docs citations	95 times ranked	2227 citing authors

#	Article	IF	Citations
1	Dietary fish oil prevents ventricular fibrillation following coronary artery occlusion and reperfusion. American Heart Journal, 1988, 116, 709-717.	2.7	301
2	Relative effects of dietary saturated, monounsaturated, and polyunsaturated fatty acids on cardiac arrhythmias in rats. American Journal of Clinical Nutrition, 1993, 57, 207-212.	4.7	219
3	Cardiac Membrane Fatty Acid Composition Modulates Myocardial Oxygen Consumption and Postischemic Recovery of Contractile Function. Circulation, 2002, 105, 2303-2308.	1.6	193
4	Dietary lipid modulation of ventricular fibrillation threshold in the marmoset monkey. American Heart Journal, 1992, 123, 1555-1561.	2.7	176
5	The cardiovascular protective role of docosahexaenoic acid. European Journal of Pharmacology, 1996, 300, 83-89.	3.5	171
6	Fish Oil Reduces Heart Rate and Oxygen Consumption During Exercise. Journal of Cardiovascular Pharmacology, 2008, 52, 540-547.	1.9	135
7	Role of fat amount and type in ameliorating diet-induced obesity: insights at the level of hypothalamic arcuate nucleus leptin receptor, neuropeptide Y and pro-opiomelanocortin mRNA expression. Diabetes, Obesity and Metabolism, 2004, 6, 35-44.	4.4	129
8	Influence of dietary lipids on arrhythmias and infarction after coronary artery ligation in rats. Canadian Journal of Physiology and Pharmacology, 1985, 63, 1411-1417.	1.4	128
9	Myocardial membrane fatty acids and the antiarrhythmic actions of dietary fish oil in animal models. Lipids, 2001, 36, S111-S114.	1.7	121
10	Dietary Fish Oil Confers Direct Antiarrhythmic Properties on the Myocardium of Rats. Journal of Nutrition, 1996, 126, 34-42.	2.9	119
11	Reversal of the arrhythmogenic effects of long-term saturated fatty acid intake by dietary n-3 and n-6 polyunsaturated fatty acids. American Journal of Clinical Nutrition, 1990, 51, 53-58.	4.7	97
12	Dietary fish oil dose- and time-response effects on cardiac phospholipid fatty acid composition. Lipids, 2004, 39, 955-961.	1.7	89
13	Dietary (n-3) Long-Chain Polyunsaturated Fatty Acids Inhibit Ischemia and Reperfusion Arrhythmias and Infarction in Rat Heart Not Enhanced by Ischemic Preconditioning. Journal of Nutrition, 2008, 138, 1902-1909.	2.9	84
14	THE INFLUENCE OF AGE AND DIETARY FAT IN AN ANIMAL MODEL OF SUDDEN CARDIAC DEATH. Australian and New Zealand Journal of Medicine, 1989, 19, 1-5.	0.5	80
15	Comparative Changes in the Fatty-Acid Composition of Rat Cardiac Phospholipids after Long-Term Feeding of Sunflower Seed Oil- or Tuna Fish Oil-Supplemented Diets. Annals of Nutrition and Metabolism, 1986, 30, 393-406.	1.9	78
16	Dietary modulation of lipid metabolism and mechanical performance of the heart. Molecular and Cellular Biochemistry, 1992, 116, 19-25.	3.1	77
17	Dietary canola oil modifies myocardial fatty acids and inhibits cardiac arrhythmias in rats. Journal of Nutrition, 1995, 125, 1003-9.	2.9	74
18	Dietary fat modulation of left ventricular ejection fraction in the marmoset due to enhanced filling. Cardiovascular Research, 1992, 26, 871-877.	3.8	70

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19	The cholinergic blockade of both thermally and nonâ€thermally induced human eccrine sweating. Experimental Physiology, 2012, 97, 930-942.	2.0	65
20			

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37	Investigating the impact of a research-based integrated curriculum on self-perceived research experiences of medical students in community placements: a pre- and post-test analysis of three student cohorts. BMC Medical Education, 2014, 14, 161.	2.4	31
38	The influence of dietary lipid supplementation on cardiac Î²-adrenergic receptor adenylate cyclase activity in the marmoset monkey. Biochimica Et Biophysica Acta - Biomembranes, 1988, 937, 347-358.	2.6	30
39	Omega-3 PUFA's reduce the vulnerability of the rat heart to ischaemic arrhythmia in the presence of a high intake of saturated animal fat. Nutrition Research, 1991, 11, 1025-1034.	2.9	30
40	Dietary fish oil preserves cardiac function in the hypertrophied rat heart. British Journal of Nutrition, 2012, 108, 645-654.	2.3	29
41	DHA-rich Fish Oil Increases the Omega-3 Index and Lowers the Oxygen Cost of Physiologically Stressful Cycling in Trained Individuals. International Journal of Sport Nutrition and Exercise Metabolism, 2017, 27, 335-343.	2.1	29
42	Myocardial function, ischaemia and n-3 polyunsaturated fatty acids: a membrane basis. Journal of Cardiovascular Medicine, 2007, 8, S15-S18.	1.5	28
43	Prevention of nerve conduction deficit in diabetic rats by polyunsaturated fatty acids. American Journal of Clinical Nutrition, 2000, 71, 386S-392S.	4.7	27
44	The hypothermic effect of clonidine and other imidazolidines in relation to their ability to enter the central nervous system in mice. European Journal of Pharmacology, 1981, 69, 477-482.	3.5	25
45	Changes in myocardial eicosanoid production following long-term dietary lipid supplementation in rats. American Journal of Clinical Nutrition, 1991, 53, 1039S-1041S.	4.7	25
46	Long-chain n-3 DHA reduces the extent of skeletal muscle fatigue in the rat in vivo hindlimb model. British Journal of Nutrition, 2014, 111, 996-1003.	2.3	25
47	Muscle fatigue resistance in the rat hindlimbin vivofrom low dietary intakes of tuna fish oil that selectively increase phospholipidn-3 docosahexaenoic acid according to muscle fibre type. British Journal of Nutrition, 2015, 114, 873-884.	2.3	24
48	Radionuclide angiographic study of the influence of dietary lipid supplements on cardiac function in the marmoset (Callithrix jacchus). Cardiovascular Research, 1987, 21, 369-376.	3.8	22
49	Cardiac arrhythmia in rats in response to dietary n-3 fatty acids from red meat, fish oil and canola oil. Nutrition Research, 1993, 13, 1407-1418.	2.9	22
50	Antagonism by ketanserin of 5-HT-induced vasoconstriction unmasks a 5-HT-induced vasodilation. European Journal of Pharmacology, 1984, 104, 313-318.	3.5	21
51			

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55	Up-Regulation of Mitochondrial Antioxidant Superoxide Dismutase Underpins Persistent Cardiac Nutritional-Preconditioning by Long Chain n-3 Polyunsaturated Fatty Acids in the Rat. Journal of Clinical Medicine, 2016, 5, 32.	2.4	17
56	Effects of diets high in whey, soy, red meat and milk protein on body weight maintenance in dietâ€induced obesity in mice. Nutrition and Dietetics, 2008, 65, S53.	1.8	16
57	A maintained afterload model of ischemia in erythrocyte-perfused isolated working hearts. Journal of Pharmacological and Toxicological Methods, 1993, 29, 203-210.	0.7	15
58	The effect of different dietary lipid supplements on the nonesterified fatty acid composition of normoxic rat hearts: A link between nutrition and cardiac arrhythmia. Nutrition Research, 1992, 12, 1491-1502.	2.9	14
59	Omega-3 and omega-6 PUFA's have different effects on the phospholipid fatty acid composition of rat myocardial muscle when added to a saturated fatty acid dietary supplement. Nutrition Research, 1991, 11, 1013-1024.	2.9	13
60	Effect of ischaemia and role of eicosanoids in release of atrial natriuretic factor from rat heart. Cardiovascular Research, 1993, 27, 1576-1579.	3.8	13
61	Cardiac Arrhythmia Prevention in Ischemia and Reperfusion by Low-Dose Dietary Fish Oil Supplementation in Rats. Journal of Nutrition, 2020, 150, 3086-3093.	2.9	13
62	Diabetes puts myocardial n-3 fatty acid status at risk in the absence of supplementation in the rat. Lipids, 1999, 34, S91-S92.	1.7	11
63	Weighing Up Fish and Omega-3 PUFA Advice with Accurate, Balanced Scales: Stringent Controls and Measures Required for Clinical Trials. Heart Lung and Circulation, 2015, 24, 740-743.	0.4	11
64	Studies on the cardiovascular depressor actions of St 91 â€" an analogue of clonidine. European Journal of Pharmacology, 1978, 52, 251-257.	3.5	9
65	Effects of variable linoleate intake on aortic pgl2-like activity and fatty acid composition: difference between rat and marmoset (Callithrix Jacchus). Prostaglandins, Leukotrienes, and Medicine, 1986, 25, 209-221.	0.7	9
66	Heart rate variability during cardiovascular reflex testing: the importance of underlying heart rate. Journal of Basic and Clinical Physiology and Pharmacology, 2021, 32, 145-153.	1.3	8
67	Building research capacity through community-based projects. Medical Education, 2010, 44, 496-497.	2.1	7
68	Dietary omega-6 fatty acid replacement selectively impairs cardiac functional recovery after ischemia in female (but not male) rats. American Journal of Physiology - Heart and Circulatory Physiology, 2016, 311, H768-H780.	3.2	7
69	Dietary fish oil delays hypoxic skeletal muscle fatigue and enhances caffeine-stimulated contractile recovery in the rat in vivo hindlimb. Applied Physiology, Nutrition and Metabolism, 2017, 42, 613-620.	1.9	7
70	Modulation of myocardial oxygen requirements by dietary lipids in the isolated erythrocyte perfused working rat heart. Journal of Molecular and Cellular Cardiology, 1992, 24, 115.	1.9	6
71	Dietary fish oil is antihypertrophic but does not enhance postischemic myocardial function in female mice. American Journal of Physiology - Heart and Circulatory Physiology, 2009, 296, H957-H966.	3.2	6
72	The effect of parallel consulting on the quality of consultations in regional general practice. Education for Primary Care, 2012, 23, 153-157.	0.6	6

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73	Academic Guidance in Medical Student Research: How Well Do Supervisors and Students Understand the Ethics of Human Research?. Journal of Academic Ethics, 2016, 14, 87-102.	2.2	6
74	A comparison of the properties of the cardiac beta-adrenergic receptor adenylyl cyclase system in the rat and the marmoset monkey. Comparative Biochemistry and Physiology Part B: Comparative Biochemistry, 1987, 88, 989-998.	0.2	5
75	An open-loop model for investigating mammalian thermosensitivity. Journal of Thermal Biology, 2004, 29, 703-707.	2.5	5
76	Autologous Pumpâ€Perfused Rat Hind Limb Preparation for Investigating Muscle Function and Metabolism In Vivo. Microcirculation, 2013, 20, 511-523.	1.8	5
77	â€˜Involve Me and I Learnâ€™: Development of an Assessment Program for Research and Critical Analysis. Journal of Medical Education and Curricular Development, 2017, 4, 238212051769253.	1.5	5
78	Substitution of Fish for Red Meat or Poultry and Risk of Ischemic Stroke. Nutrients, 2018, 10, 1648.	4.1	5
79	Graduating Work-ready Professionals: Research Competency as a Critical Curriculum Component. Curriculum and Teaching, 2017, 32, 25-44.	0.2	4
80	Cardiac contractile dysfunction, during and following ischaemia, is attenuated by low-dose dietary fish oil in rats. European Journal of Nutrition, 2021, 60, 4495-4503.	3.9	4
81	Telemedicine in remote Australia: The Royal Flying Doctor Service (RFDS) Medical Chest Program as a marker of remote health. Rural and Remote Health, 2018, 18, 4502.	0.5	4
82	Effects of prazosin and piperoxan on central cardiovascular actions of St 91 in cats. European Journal of Pharmacology, 1982, 86, 19-26.	3.5	3
83	FISH AND THE HEART. Lancet, The, 1989, 334, 1450-1452.	13.7	3
84	A Small Cohort Omega-3 PUFA Supplement Study: Implications of Stratifying According to Lipid Membrane Incorporation in Cardiac Surgical Patients. Heart Lung and Circulation, 2017, 26, 846-855.	0.4	3
85	DHA-Rich Fish Oil Increases the Omega-3 Index in Healthy Adults and Slows Resting Heart Rate without Altering Cardiac Autonomic Reflex Modulation. Journal of the American College of Nutrition, 2021, , 1-9.	1.8	2
86	The influence of a basic military training diet on whole blood fatty acid profile and the Omega-3 Index of Australian Army recruits. Applied Physiology, Nutrition and Metabolism, 2022, 47, 151-158.	1.9	2
87	Dietary modulation of lipid metabolism and mechanical performance of the heart. , 1992, , 19-25.		2
88	Sex differences in murine myocardial membrane lipid composition modulate growth and postischemic arrhythmia. Journal of Molecular and Cellular Cardiology, 2007, 42, S4.	1.9	1
89	Prescribing More Stringent Design of Randomized Clinical Trials of Omega-3 Polyunsaturated Fatty Acids. Mayo Clinic Proceedings, 2017, 92, 1005-1006.	3.0	1
90	Medical Student Research during a Longitudinal Community-Based Placement Can Provide Opportunities for Learning about Public Health. Education Sciences, 2018, 8, 60.	2.6	1

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91	A daily dose of fish oil increased the omegaâ€3 index in older adults and reduced their heart rate during a walking activity: A pilot study. Nutrition Bulletin, 2021, 46, 149-159.	1.8	1
92	Forearm isometric fatigue-resistance is enhanced in rock climbers compared to power lifters and aerobically-trained athletes. Journal of Sports Medicine and Physical Fitness, 2020, 60, 1057-1064.	0.7	1
93	Fatty acid composition of human heart: Setting the baseline. Journal of Molecular and Cellular Cardiology, 2007, 42, S116-S117.	1.9	0
94	The effect of low dose tuna fish oil on cardiac hypertrophy and membrane fatty acid composition in the rat heart. Journal of Molecular and Cellular Cardiology, 2007, 42, S138.	1.9	0
95	Measurement and Validation of Exercise-Induced Fatigue Through Inertial Motion Analysis. Journal of Engineering and Science in Medical Diagnostics and Therapy, 2018, 1, .	0.5	0