

Craig S Mclachlan

List of Publications by Year in descending order

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Version: 2024-02-01

102
papers

1,826
citations

279798

23
h-index

315739

38
g-index

104
all docs

104
docs citations

104
times ranked

2751
citing authors

#	ARTICLE	IF	CITATIONS
1	Are elevations of N-terminal probrain natriuretic peptide in endurance athletes after prolonged strenuous exercise due to systemic inflammatory cytokines?. <i>American Heart Journal</i> , 2006, 152, e1.	2.7	139
2	Prevalence of Hypertension in Member Countries of South Asian Association for Regional Cooperation (SAARC). <i>Medicine (United States)</i> , 2014, 93, e74.	1.0	127
3	Effectiveness of a lifestyle intervention led by female community health volunteers versus usual care in blood pressure reduction (COBIN): an open-label, cluster-randomised trial. <i>The Lancet Global Health</i> , 2018, 6, e66-e73.	6.3	124
4	Stent-Assisted Balloon-Induced Intimal Disruption and Relamination in Aortic Dissection Repair: The STABILISE concept. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2014, 147, 1240-1245.	0.8	97
5	Staged endovascular treatment for complicated type B aortic dissection. <i>Nature Clinical Practice Cardiovascular Medicine</i> , 2005, 2, 316-321.	3.3	86
6	Smart Devices and Wearable Technologies to Detect and Monitor Mental Health Conditions and Stress: A Systematic Review. <i>Sensors</i> , 2021, 21, 3461.	3.8	86
7	Apoptosis of vascular smooth muscle cells induced by cholesterol and its oxides in vitro and in vivo. <i>Atherosclerosis</i> , 2000, 148, 365-374.	0.8	54
8	FTO associations with obesity and telomere length. <i>Journal of Biomedical Science</i> , 2017, 24, 65.	7.0	49
9	Changes in PDE4D Isoforms in the Hippocampus of a Patient With Advanced Alzheimer Disease. <i>Archives of Neurology</i> , 2007, 64, 456.	4.5	45
10	Atrial fibrillation in COVID-19: A review of possible mechanisms. <i>FASEB Journal</i> , 2020, 34, 11347-11354.	0.5	45
11	Elevated neutrophil to lymphocyte ratio predicts mortality in medical inpatients with multiple chronic conditions. <i>Medicine (United States)</i> , 2016, 95, e3832.	1.0	43
12	The angiotensin-converting enzyme 2 (ACE2) receptor in the prevention and treatment of COVID-19 are distinctly different paradigms. <i>Clinical Hypertension</i> , 2020, 26, 14.	2.0	40
13	Awareness, Prevalence, Treatment, and Control of Hypertension in Western Nepal. <i>American Journal of Hypertension</i> , 2017, 30, 907-913.	2.0	39
14	Community health workers for non-communicable diseases. <i>The Lancet Global Health</i> , 2014, 2, e567.	6.3	37
15	Prevalence of Undiagnosed Depression among Persons with Hypertension and Associated Risk Factors: A Cross-Sectional Study in Urban Nepal. <i>PLoS ONE</i> , 2015, 10, e0117329.	2.5	35
16	The influence of rural clinical school experiences on medical students'™ levels of interest in rural careers. <i>Human Resources for Health</i> , 2014, 12, 48.	3.1	34
17	Associations between health-related self-efficacy and suicidality. <i>BMC Psychiatry</i> , 2018, 18, 126.	2.6	31
18	Immediate "total" aortic true lumen expansion in type A and B acute aortic dissection after endovascular aortic endografting and GZSD bare stenting. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2007, 134, 1360-1362.	0.8	26

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19	Increased Total Heart Rate Variability and Enhanced Cardiac Vagal Autonomic Activity in Healthy Humans with Sinus Bradycardia. Baylor University Medical Center Proceedings, 2010, 23, 368-370.	0.5	26
20	Association between self-efficacy, career interest and rural career intent in Australian medical students with rural clinical school experience. BMJ Open, 2015, 5, e009574.	1.9	26
21	Prevalence of complementary and alternative therapy use by cancer patients undergoing radiation therapy. Asia-Pacific Journal of Clinical Oncology, 2014, 10, 346-353.	1.1	25
22	Direct template matching reveals a host subcellular membrane gyroid cubic structure that is associated with SARS virus. Redox Report, 2005, 10, 167-171.	4.5	24
23	Community-based intervention for blood pressure reduction in Nepal (COBIN trial): study protocol for a cluster-randomized controlled trial. Trials, 2016, 17, 292.	1.6	24
24	Long-term outcomes from dose-escalated image-guided intensity-modulated radiotherapy with androgen deprivation: encouraging results for intermediate- and high-risk prostate cancer. OncoTargets and Therapy, 2014, 7, 1519.	2.0	23
25	Shortened leukocyte telomere length in type 2 diabetes mellitus: genetic polymorphisms in mitochondrial uncoupling proteins and telomeric pathways. Clinical and Translational Medicine, 2016, 5, 8.	4.0	23
26	Stress Watch: The Use of Heart Rate and Heart Rate Variability to Detect Stress: A Pilot Study Using Smart Watch Wearables. Sensors, 2022, 22, 151.	3.8	22
27	Additional years of Australian Rural Clinical School undergraduate training is associated with rural practice. BMC Medical Education, 2013, 13, 37.	2.4	21
28	Poor Self-Rated Health Influences Hospital Service Use in Hospitalized Inpatients With Chronic Conditions in Taiwan. Medicine (United States), 2015, 94, e1477.	1.0	20
29	Mean dietary salt intake in Nepal: A population survey with 24-hour urine collections. Journal of Clinical Hypertension, 2020, 22, 273-279.	2.0	20
30	Reduced cardiac output is associated with decreased mitochondrial efficiency in the non-ischemic ventricular wall of the acute myocardial-infarcted dog. Cell Research, 2006, 16, 297-305.	12.0	19
31	Planning magnetic resonance imaging for prostate cancer intensity-modulated radiation therapy: Impact on target volumes, radiotherapy dose and androgen deprivation administration. Asia-Pacific Journal of Clinical Oncology, 2015, 11, 15-21.	1.1	19
32	Use of hypofractionated post-mastectomy radiotherapy reduces health costs by over \$2000 per patient: An Australian perspective. Journal of Medical Imaging and Radiation Oncology, 2016, 60, 146-153.	1.8	19
33	The benefit of exercise training in pulmonary hypertension: a clinical review. Internal Medicine Journal, 2017, 47, 361-369.	0.8	19
34	Literacy and motivation for the prevention and control of hypertension among female community health volunteers: a qualitative study from Nepal. Global Health Action, 2015, 8, 28254.	1.9	18
35	Salt intake and salt-reduction strategies in South Asia: From evidence to action. Journal of Clinical Hypertension, 2021, 23, 1815-1829.	2.0	18
36	Non-bleeding side effects of clopidogrel: Have large multi-center clinical trials underestimated their incidence?. International Journal of Cardiology, 2007, 117, 415-417.	1.7	17

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37	Metformin added to bosentan therapy in patients with pulmonary arterial hypertension associated with congenital heart defects: a pilot study. <i>ERJ Open Research</i> , 2018, 4, 00060-2018.	2.6	17
38	Screening for burn-out in Australian medical students undertaking a rural clinical placement. <i>BMJ Open</i> , 2019, 9, e029029.	1.9	15
39	Growth arrest-specific gene 6 expression in proliferating rabbit vascular smooth muscle cells in vitro and in vivo. <i>Electrophoresis</i> , 2000, 21, 3851-3856.	2.4	14
40	Self-efficacy reduces the impact of social isolation on medical students' rural career intent. <i>BMC Medical Education</i> , 2018, 18, 42.	2.4	14
41	Intimal thickening after arterial balloon injury is increased by intermittent repetitive hypoxia, but intermittent repetitive hyperoxia is not protective. <i>Atherosclerosis</i> , 2006, 185, 254-263.	0.8	13
42	Randomised controlled trial examining the effect of an outpatient exercise training programme on haemodynamics and cardiac MR parameters of right ventricular function in patients with pulmonary arterial hypertension: the ExPAH study protocol. <i>BMJ Open</i> , 2017, 7, e014037.	1.9	13
43	Methodological Comparisons of Heart Rate Variability Analysis in Patients With Type 2 Diabetes and Angiotensin Converting Enzyme Polymorphism. <i>IEEE Journal of Biomedical and Health Informatics</i> , 2016, 20, 55-63.	6.3	12
44	Associations of the Initial COVID-19 Lockdown on Self-Reported Happiness and Worry about Developing Loneliness: A Cross-Sectional Analysis of Rural, Regional, and Urban Australian Communities. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 9501.	2.6	11
45	Diagnosis of oligodendroglioma: Molecular and classical histological assessment in the twenty-first century. <i>Asia-Pacific Journal of Clinical Oncology</i> , 2012, 8, 213-216.	1.1	9
46	Improved Outcomes with Intensity Modulated Radiation Therapy Combined with Temozolomide for Newly Diagnosed Glioblastoma Multiforme. <i>Neurology Research International</i> , 2014, 2014, 1-5.	1.3	9
47	Acute starvation in C57BL/6J mice increases myocardial UCP2 and UCP3 protein expression levels and decreases mitochondrial bio-energetic function. <i>Stress</i> , 2011, 14, 66-72.	1.8	8
48	Electrocardiogram derived QRS duration associations with elevated central aortic systolic pressure (CASP) in a rural Australian population. <i>Clinical Hypertension</i> , 2015, 22, 6.	2.0	8
49	Cholesterol Efflux: Does It Contribute to Aortic Stiffening?. <i>Journal of Cardiovascular Development and Disease</i> , 2018, 5, 23.	1.6	8
50	Factors affecting the fruit and vegetable intake in Nepal and its association with history of self-reported major cardiovascular events. <i>BMC Cardiovascular Disorders</i> , 2020, 20, 425.	1.7	8
51	Chronic dosing with metformin plus bosentan decreases in vitro pulmonary artery contraction from isolated arteries in adults with pulmonary hypertension. <i>Journal of Cardiovascular and Thoracic Research</i> , 2019, 11, 189-195.	0.9	8
52	Angiotensin-converting enzyme gene DD genotype is associated with increased systolic blood pressure in an Australian Rural Type 2 Diabetic Cohort. <i>Hypertension Research</i> , 2013, 36, 381-382.	2.7	7
53	Interactions between UCP2 SNPs and telomere length exist in the absence of diabetes or pre-diabetes. <i>Scientific Reports</i> , 2016, 6, 33147.	3.3	7
54	Hypertension Status and Associations with Self-Rated Health and General Practitioner Health Seeking in a Rural Australian Cohort. <i>Journal of Cardiovascular Development and Disease</i> , 2018, 5, 53.	1.6	7

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55	Tyramide signal amplification enhances the detectable distribution of connexin-43 positive gap junctions across the ventricular wall of the rabbit heart. <i>Archives of Histology and Cytology</i> , 2003, 66, 359-365.	0.2	6
56	Down regulation of immuno-detectable cardiac connexin-43 in BALB/c mice following acute fasting. <i>International Journal of Cardiology</i> , 2009, 136, 99-102.	1.7	6
57	Understanding and Motivations of Female Community Health Volunteers About Blood Pressure Control: A Prerequisite for Developing Community-Based Hypertension Interventions in Nepal. <i>Global Heart</i> , 2017, 12, 227.	2.3	6
58	Atherothrombotic events and clopidogrel therapy. <i>Cmaj</i> , 2007, 176, 349-349.	2.0	5
59	Optimal antiplatelet treatment for percutaneous coronary intervention: Clopidogrel vs. ticlopidine. <i>International Journal of Cardiology</i> , 2007, 114, 101-102.	1.7	5
60	High dose Clopidogrel decreases mice liver mitochondrial respiration function in vitro. <i>International Journal of Cardiology</i> , 2009, 133, 250-252.	1.7	5
61	Electrocardiogram Derived QRS Duration > 120 ms is Associated With Elevated Plasma Homocysteine Levels in a Rural Australian Cross-Sectional Population. <i>Medicine (United States)</i> , 2015, 94, e1080.	1.0	5
62	A Perspective on the Potential of Opsins as an Integral Mechanism of Photobiomodulation: It's Not Just the Eyes. <i>Photobiomodulation, Photomedicine, and Laser Surgery</i> , 2022, 40, 123-135.	1.4	5
63	Aromas Influencing the GABAergic System. <i>Molecules</i> , 2022, 27, 2414.	3.8	5
64	Levosimendan and plasma BNP levels: Do inflammatory cytokines regulate BNP in chronic decompensated heart failure?. <i>European Journal of Heart Failure</i> , 2006, 8, 216-217.	7.1	4
65	Characterization and incidence of inducible monomorphic ventricular tachycardia in a postinfarction rabbit model. <i>Journal of Electrocardiology</i> , 2007, 40, 89-93.	0.9	4
66	Electrocardiogram QRS duration and associations with telomere length: A cross-sectional analysis in Australian rural diabetic and non-diabetic population. <i>Journal of Electrocardiology</i> , 2017, 50, 450-456.	0.9	4
67	Over-Wrapping of the Aortic Wall with an Elastic Extra-Aortic Wrap Results in Luminal Creasing. <i>Journal of Cardiovascular Development and Disease</i> , 2018, 5, 42.	1.6	4
68	Carotid Ultrasound Screening Programs in Rural Communities: A Systematic Review. <i>Journal of Personalized Medicine</i> , 2021, 11, 897.	2.5	4
69	Impact of acute stress on cortical electrical activity and cardiac autonomic coupling. <i>Journal of Integrative Neuroscience</i> , 2020, 19, 239.	1.7	4
70	Weka Machine Learning Classification in Identifying Autonomic Dysfunction Parameters Associated with Ace Insertion/Deletion Genotypes. , 2012, , .		4
71	A Fully-Automated Environmental Chamber for Examination of Long-Term Effects of Intermittent Hypoxia on Medium-Size Animals.. <i>The Japanese Journal of Physiology</i> , 1999, 49, 207-211.	0.9	3
72	Evaluation of clopidogrel resistance. <i>Thrombosis Research</i> , 2005, 116, 451-453.	1.7	3

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73	Displacement of the Beating Heart Induces an Immediate and Sustained Increase in Myocardial Reactive Oxygen Species. <i>Circulation Journal</i> , 2006, 70, 1226-1228.	1.6	3
74	Review of Screening Studies for Atrial Fibrillation in Rural Populations of 11 Countries. <i>Baylor University Medical Center Proceedings</i> , 2017, 30, 280-285.	0.5	3
75	May Measurement Month 2019: an analysis of blood pressure screening results from Nepal. <i>European Heart Journal Supplements</i> , 2021, 23, B110-B113.	0.1	3
76	The Prevalence of Chronic Physical and Mental Health Conditions in Older Adults Across South Australia and Their Independent Effects on General Practitioner Visits. <i>Journal of Applied Gerontology</i> , 2022, 41, 962-970.	2.0	3
77	Creating a Smart Virtual-Reality based Contextual Diary for People with Persistent Postural-Perceptual Dizziness to Facilitate Habituation. , 2020, , .		3
78	Delay in opening the infarct related coronary artery increases plasma atrial natriuretic peptide levels. <i>European Journal of Pharmacology</i> , 1999, 379, R3-R4.	3.5	2
79	Transfer of mouse embryonic stem cells to sheep myocardium. <i>Lancet, The</i> , 2006, 367, 301-302.	13.7	2
80	Systolic blood pressure but not electrocardiogram QRS duration is associated with heart rate variability (HRV): a cross-sectional study in rural Australian non-diabetics. <i>Clinical Hypertension</i> , 2017, 23, 9.	2.0	2
81	Computational evaluation of an extra-aortic elastic-wrap applied to simulated aging anisotropic human aorta models. <i>Scientific Reports</i> , 2019, 9, 20109.	3.3	2
82	A Semi-Quantitative PCR Method for the Detection of Low Levels of Apoptotic DNA Fragmentation in a Heart Failure Model.. <i>The Japanese Journal of Physiology</i> , 2000, 50, 281-284.	0.9	2
83	Establishing a Reference Range for Oligodendroglioma Classification using Higuchi Dimension Analysis. , 2012, , .		2
84	The CCK2 agonist BC-264 decreases predatory fear freezing at high but not low dosages in PVG hooded rats during initial exposure to a cat. <i>Peptides</i> , 2009, 30, 808-809.	2.4	1
85	Does cellular heterogeneity influence neuroblastoma cell line proliferation and invasiveness with granulocyte colony-stimulating factor?. <i>Journal of Pediatric Surgery</i> , 2009, 44, 2436-2437.	1.6	1
86	The association of uncoupling protein 2 (UCP2) exon 8 insertion/deletion polymorphism and ECG derived QRS duration: A cross-sectional study in an Australian rural population. <i>International Journal of Cardiology</i> , 2017, 228, 507-510.	1.7	1
87	Female community health volunteers to reduce blood pressure: feasible and sustainable? â€œ Authors' reply. <i>The Lancet Global Health</i> , 2018, 6, e374.	6.3	1
88	Matrix Metalloproteinase-3 (MMP-3) Polymorphisms Are Associated with Prolonged ECG-Derived QTc Interval: A Cross-Sectional Study of the Australian Rural Population. <i>Journal of Personalized Medicine</i> , 2021, 11, 705.	2.5	1
89	Active commuting and leisure-time physical activity among adults in western Nepal: a cross-sectional study. <i>BMJ Open</i> , 2021, 11, e051846.	1.9	1
90	Combined pharmacologic treatment with clopidogrel and statin for patients with acute coronary syndrome: is there a survival advantage?. <i>European Heart Journal</i> , 2005, 26, 1932-1932.	2.2	0

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91	Vascular inflammation. Cmaj, 2007, 176, 1860-1860.	2.0	0
92	Natriuretic peptides and heart failure. Cmaj, 2007, 176, 659-659.	2.0	0
93	Can Clopidogrel Monotherapy Influence Vascular Remodeling?. Vascular and Endovascular Surgery, 2007, 41, 165-166.	0.7	0
94	Vitamin C and mitochondrial uncoupling protein in enhanced dobutamine myocardial contractility. American Heart Journal, 2008, 155, e29.	2.7	0
95	Homocysteine and heavy metal interactions in atrial fibrillation and ablation treatments. Europace, 2008, 10, 1458-1458.	1.7	0
96	Corticosteroids and erythropoietin-receptor agonists. Cmaj, 2008, 178, 66-66.	2.0	0
97	Ascending aortic arch replacement with aortic valve resuspension under deep hypothermic arrest combined with endoluminal stenting of the descending thoracic aorta and the entire abdominal aorta. Journal of Thoracic and Cardiovascular Surgery, 2009, 138, 1032-1035.	0.8	0
98	Echocardiography Evaluation of a Novel Stable Ovine Heart Failure Model Suitable for Cardiovascular Device Testing. , 2011, , .		0
99	Rural medical schools and expansion of Australia's translational surgical research agenda. ANZ Journal of Surgery, 2012, 82, 568-569.	0.7	0
100	Baseline Framingham risk score does not predict future ECG-derived QRS duration over an average of 3.3Åyears. International Journal of Arrhythmia, 2020, 21, .	0.6	0
101	Novel Extra Aortic Counterpulsation Device for Enhancing Cardiac Performance. , 2011, , .		0
102	Neuron Cell Classification using Machine Learning Algorithms: Methodological Considerations. , 2012, , .		0