

John Newell

List of Publications by Year in descending order

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101
papers

4,927
citations

126907

33
h-index

98798

67
g-index

103
all docs

103
docs citations

103
times ranked

8879
citing authors

#	ARTICLE	IF	CITATIONS
1	Circulating microRNAs as Novel Minimally Invasive Biomarkers for Breast Cancer. <i>Annals of Surgery</i> , 2010, 251, 499-505.	4.2	600
2	The prevalence of multimorbidity in primary care and its effect on health care utilization and cost. <i>Family Practice</i> , 2011, 28, 516-523.	1.9	478
3	Systemic miRNA-195 Differentiates Breast Cancer from Other Malignancies and Is a Potential Biomarker for Detecting Noninvasive and Early Stage Disease. <i>Oncologist</i> , 2010, 15, 673-682.	3.7	295
4	Structural Magnetic Resonance Imaging in Bipolar Disorder: An International Collaborative Mega-Analysis of Individual Adult Patient Data. <i>Biological Psychiatry</i> , 2011, 69, 326-335.	1.3	271
5	Incremental Exercise Test Design and Analysis. <i>Sports Medicine</i> , 2007, 37, 575-586.	6.5	266
6	Effectiveness of a smartphone application to promote physical activity in primary care: the SMART MOVE randomised controlled trial. <i>British Journal of General Practice</i> , 2014, 64, e384-e391.	1.4	250
7	Upregulation of DNA Methyltransferase Mediated Gene Silencing, Anchorage-Independent Growth, and Migration of Colon Cancer Cells by Interleukin-6. <i>Molecular Cancer Research</i> , 2010, 8, 471-481.	3.4	139
8	Bilateral breast cancer: analysis of incidence, outcome, survival and disease characteristics. <i>Breast Cancer Research and Treatment</i> , 2011, 126, 131-140.	2.5	130
9	Software for calculating blood lactate endurance markers. <i>Journal of Sports Sciences</i> , 2007, 25, 1403-1409.	2.0	118
10	Lactate threshold responses to a season of professional British youth soccer. <i>British Journal of Sports Medicine</i> , 2005, 39, 432-436.	6.7	104
11	Visualising statistical models using dynamic nomograms. <i>PLoS ONE</i> , 2019, 14, e0225253.	2.5	83
12	miR-379 Regulates Cyclin B1 Expression and Is Decreased in Breast Cancer. <i>PLoS ONE</i> , 2013, 8, e68753.	2.5	75
13	Identification of endogenous control genes for normalisation of real-time quantitative PCR data in colorectal cancer. <i>BMC Molecular Biology</i> , 2010, 11, 12.	3.0	73
14	Diet and Major Renal Outcomes: A Prospective Cohort Study. <i>The NIH-AARP Diet and Health Study</i> , 2016, 26, 288-298.		68
15	Sleep to Lower Elevated Blood Pressure: A Randomized Controlled Trial (SLEPT). <i>American Journal of Hypertension</i> , 2017, 30, 319-327.	2.0	66
16	The Effectiveness of Supplementing a Standard Rehabilitation Program With Superimposed Neuromuscular Electrical Stimulation After Anterior Cruciate Ligament Reconstruction. <i>American Journal of Sports Medicine</i> , 2011, 39, 1238-1247.	4.2	65
17	miRNA expressions in rectal cancer as predictors of response to neoadjuvant chemoradiation therapy. <i>International Journal of Colorectal Disease</i> , 2013, 28, 247-260.	2.2	65
18	MicroRNA-10a is reduced in breast cancer and regulated in part through retinoic acid. <i>BMC Cancer</i> , 2015, 15, 345.	2.6	59

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19	Multimorbidity and risk among patients with established cardiovascular disease: a cohort study. <i>British Journal of General Practice</i> , 2008, 58, 488-494.	1.4	56
20	Elastin-like recombinamers-based hydrogel modulates post-ischemic remodeling in a non-transmural myocardial infarction in sheep. <i>Science Translational Medicine</i> , 2021, 13, .	12.4	56
21	Who eats four or more servings of fruit and vegetables per day? Multivariate classification tree analysis of data from the 1998 Survey of Lifestyle, Attitudes and Nutrition in the Republic of Ireland. <i>Public Health Nutrition</i> , 2005, 8, 159-169.	2.2	54
22	Blood Biomarker Profiling and Monitoring for High-Performance Physiology and Nutrition: Current Perspectives, Limitations and Recommendations. <i>Sports Medicine</i> , 2019, 49, 185-198.	6.5	54
23	Prevalence and frequency of menstrual cycle symptoms are associated with availability to train and compete: a study of 6812 exercising women recruited using the Strava exercise app. <i>British Journal of Sports Medicine</i> , 2021, 55, 438-443.	6.7	51
24	Reproducibility of the blood lactate threshold, 4 mmol·l ⁻¹ marker, heart rate and ratings of perceived exertion during incremental treadmill exercise in humans. <i>European Journal of Applied Physiology</i> , 2002, 87, 159-166.	2.5	50
25	SMART MOVE - a smartphone-based intervention to promote physical activity in primary care: study protocol for a randomized controlled trial. <i>Trials</i> , 2013, 14, 157.	1.6	50
26	The prevalence of vertebral fracture on vertebral fracture assessment imaging in a large cohort of patients with rheumatoid arthritis. <i>Rheumatology</i> , 2014, 53, 821-827.	1.9	49
27	Analysis of swimming performance: perceptions and practices of US-based swimming coaches. <i>Journal of Sports Sciences</i> , 2016, 34, 997-1005.	2.0	45
28	Relationship between Circulating and Tissue microRNAs in a Murine Model of Breast Cancer. <i>PLoS ONE</i> , 2012, 7, e50459.	2.5	44
29	Impact of <i>Lepidoptera</i> infestations on migrating Atlantic salmon, <i>Salmo salar</i> L., smolts at eight locations in Ireland with an analysis of lice-induced marine mortality. <i>Journal of Fish Diseases</i> , 2013, 36, 273-281.	1.9	43
30	Reasons for participation and non-participation in a diabetes prevention trial among women with prior gestational diabetes mellitus (GDM). <i>BMC Medical Research Methodology</i> , 2014, 14, 13.	3.1	42
31	The impact of reminiscence on the quality of life of residents with dementia in long-stay care. <i>International Journal of Geriatric Psychiatry</i> , 2014, 29, 1062-1070.	2.7	42
32	Comparative efficacy of exercise and anti-hypertensive pharmacological interventions in reducing blood pressure in people with hypertension: A network meta-analysis. <i>European Journal of Preventive Cardiology</i> , 2020, 27, 247-255.	1.8	37
33	Effect of exercising at minimum recommendations of the multiple sclerosis exercise guideline combined with structured education or attention control education – secondary results of the step it up randomised controlled trial. <i>BMC Neurology</i> , 2017, 17, 119.	1.8	36
34	The effect of health status on patients' satisfaction with out-of-hours care provided by a family doctor co-operative. <i>Family Practice</i> , 2004, 21, 677-683.	1.9	35
35	Clinical Features, Treatment, and Survival of Patients With Colorectal Cancer With or Without Inflammatory Bowel Disease. <i>Clinical Gastroenterology and Hepatology</i> , 2011, 9, 584-589.e2.	4.4	35
36	Prediction of Oncotype DX and TAILORx risk categories using histopathological and immunohistochemical markers by classification and regression tree (CART) analysis. <i>Breast</i> , 2013, 22, 879-886.	2.2	34

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37	A MultiCenter Pilot Randomized Controlled Trial of Remote Ischemic Preconditioning in Major Vascular Surgery. <i>Vascular and Endovascular Surgery</i> , 2015, 49, 220-227.	0.7	33
38	Group follow-up compared to individual clinic visits after structured education for type 1 diabetes: A cluster randomised controlled trial. <i>Diabetes Research and Clinical Practice</i> , 2013, 100, 29-38.	2.8	32
39	The fairness, predictive validity and acceptability of multiple mini interview in an internationally diverse student population- a mixed methods study. <i>BMC Medical Education</i> , 2014, 14, 267.	2.4	32
40	Preoperative exercise to improve fitness in patients undergoing complex surgery for cancer of the lung or oesophagus (PRE-HIIT): protocol for a randomized controlled trial. <i>BMC Cancer</i> , 2020, 20, 321.	2.6	32
41	Prospective Assessment of Systemic MicroRNAs as Markers of Response to Neoadjuvant Chemotherapy in Breast Cancer. <i>Cancers</i> , 2020, 12, 1820.	3.7	31
42	The effectiveness of a structured education pulmonary rehabilitation programme for improving the health status of people with moderate and severe chronic obstructive pulmonary disease in primary care: the PRINCE cluster randomised trial. <i>Thorax</i> , 2013, 68, 922-928.	5.6	30
43	The Sodium Iodide Symporter (NIS) and Potential Regulators in Normal, Benign and Malignant Human Breast Tissue. <i>PLoS ONE</i> , 2011, 6, e16023.	2.5	29
44	The cost-effectiveness of a structured education pulmonary rehabilitation programme for chronic obstructive pulmonary disease in primary care: the PRINCE cluster randomised trial. <i>BMJ Open</i> , 2013, 3, e003479.	1.9	29
45	Randomised controlled pilot trial of an exercise plus behaviour change intervention in people with multiple sclerosis: the Step it Up study. <i>BMJ Open</i> , 2017, 7, e016336.	1.9	28
46	Monitoring of pH and temperature of neuropathic diabetic and nondiabetic foot ulcers for 12 weeks: An observational study. <i>Wound Repair and Regeneration</i> , 2018, 26, 251-256.	3.0	27
47	Chronic kidney disease and mortality and morbidity among patients with established cardiovascular disease: a West of Ireland community-based cohort study. <i>Nephrology Dialysis Transplantation</i> , 2007, 22, 2586-2594.	0.7	26
48	Use of a neuromuscular electrical stimulation device for facial muscle toning: a randomized, controlled trial. <i>Journal of Cosmetic Dermatology</i> , 2012, 11, 261-266.	1.6	24
49	A randomised controlled trial of an exercise plus behaviour change intervention in people with multiple sclerosis: the step it up study protocol. <i>BMC Neurology</i> , 2014, 14, 241.	1.8	23
50	Critical Difference and Biological Variation in Biomarkers of Oxidative Stress and Nutritional Status in Athletes. <i>PLoS ONE</i> , 2016, 11, e0149927.	2.5	23
51	Prognostic Significance of Deregulated Dicer Expression in Breast Cancer. <i>PLoS ONE</i> , 2013, 8, e83724.	2.5	23
52	Predictors of quality of life gains among people with type 1 diabetes participating in the Dose Adjustment for Normal Eating (DAFNE) structured education programme. <i>Diabetes Research and Clinical Practice</i> , 2012, 98, 243-248.	2.8	22
53	Using functional data analysis to summarise and interpret lactate curves. <i>Computers in Biology and Medicine</i> , 2006, 36, 262-275.	7.0	21
54	Research activity and capacity in primary healthcare: The REACH study: A survey. <i>BMC Family Practice</i> , 2009, 10, 33.	2.9	21

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55	The Irish DAFNE Study Protocol: A cluster randomised trial of group versus individual follow-up after structured education for Type 1 diabetes. <i>Trials</i> , 2009, 10, 88.	1.6	21
56	The impact of renal insufficiency and anaemia on survival in patients with cardiovascular disease: a cohort study. <i>BMC Cardiovascular Disorders</i> , 2009, 9, 51.	1.7	20
57	A cluster randomised controlled trial evaluating the effectiveness of a structured pulmonary rehabilitation education programme for improving the health status of people with chronic obstructive pulmonary disease (COPD): The PRINCE Study protocol. <i>BMC Pulmonary Medicine</i> , 2011, 11, 4.	2.0	20
58	Can the Onset of Type 2 Diabetes Be Delayed by a Group-Based Lifestyle Intervention in Women with Prediabetes following Gestational Diabetes Mellitus (GDM)? Findings from a Randomized Control Mixed Methods Trial. <i>Journal of Diabetes Research</i> , 2015, 2015, 1-11.	2.3	19
59	Relative and Absolute Expression Analysis of MicroRNAs Associated with Luminal A Breast Cancer – A Comparison. <i>Pathology and Oncology Research</i> , 2020, 26, 833-844.	1.9	19
60	To what extent does the Health Professions Admission Test-Ireland predict performance in early undergraduate tests of communication and clinical skills? – An observational cohort study. <i>BMC Medical Education</i> , 2013, 13, 68.	2.4	18
61	Comparing the clinical-effectiveness and cost-effectiveness of an internet-delivered Acceptance and Commitment Therapy (ACT) intervention with a waiting list control among adults with chronic pain: study protocol for a randomised controlled trial. <i>BMJ Open</i> , 2014, 4, e005092-e005092.	1.9	18
62	Development of Structure-Taste Relationships for Monosubstituted Phenylsulfamate Sweeteners Using Classification and Regression Tree (CART) Analysis. <i>Journal of Agricultural and Food Chemistry</i> , 2005, 53, 6750-6758.	5.2	17
63	Determination of the utility of the Intubation Difficulty Scale for use with indirect laryngoscopes. <i>Anaesthesia</i> , 2011, 66, 1127-1133.	3.8	17
64	Feasibility, acceptability and uptake rates of gestational diabetes mellitus screening in primary care vs secondary care: findings from a randomised controlled mixed methods trial. <i>Diabetologia</i> , 2015, 58, 2486-2493.	6.3	16
65	A germline mutation in the BRCA13™UTR predicts Stage IV breast cancer. <i>BMC Cancer</i> , 2014, 14, 421.	2.6	14
66	Impact of Tumour Epithelial Subtype on Circulating microRNAs in Breast Cancer Patients. <i>PLoS ONE</i> , 2014, 9, e90605.	2.5	14
67	The CHARMS pilot study: a multi-method assessment of the feasibility of a sexual counselling implementation intervention in cardiac rehabilitation in Ireland. <i>Pilot and Feasibility Studies</i> , 2018, 4, 88.	1.2	13
68	Effectiveness of a cognitive behavioural therapy-based rehabilitation programme (Progressive Goal) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 multicentre randomised controlled trial. <i>Trials</i> , 2013, 14, 290.	1.6	12
69	An evaluation of Croi;1/2 MyAction community lifestyle modification programme compared to standard care to reduce progression to diabetes/pre-diabetes in women with prior gestational diabetes mellitus (GDM): study protocol for a randomised controlled trial. <i>Trials</i> , 2013, 14, 121.	1.6	11
70	Screening uptake rates and the clinical and cost effectiveness of screening for gestational diabetes mellitus in primary versus secondary care: study protocol for a randomised controlled trial. <i>Trials</i> , 2014, 15, 27.	1.6	11
71	Sexual counselling for patients with cardiovascular disease: protocol for a pilot study of the CHARMS sexual counselling intervention. <i>BMJ Open</i> , 2016, 6, e011219.	1.9	10
72	Predictors of involuntary patients™ satisfaction with care: prospective study. <i>BJPsych Open</i> , 2018, 4, 492-500.	0.7	10

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73	Measuring adherence to therapy in apparent treatment-resistant hypertension: a feasibility study in Irish primary care. <i>British Journal of General Practice</i> , 2019, 69, e621-e628.	1.4	9
74	Optimal Time-of-Day and Consolidation of Learning in Younger and Older Adults. <i>Experimental Aging Research</i> , 2009, 35, 107-128.	1.2	8
75	An additive penalty $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si141.gif" display="inline" overflow="scroll" \rangle \langle \text{mml:mi} \rangle \text{P} \langle \text{mml:mi} \rangle \langle \text{mml:math} \rangle$ -Spline approach to derivative estimation. <i>Computational Statistics and Data Analysis</i> , 2013, 68, 30-43.	1.2	8
76	Sea lice levels on wild $\langle \text{scp} \rangle \text{A} \langle \text{scp} \rangle$ atlantic salmon, <i>Salmo salar</i> L., returning to the $\langle \text{scp} \rangle \text{c} \langle \text{scp} \rangle$ oast of $\langle \text{scp} \rangle \text{l} \langle \text{scp} \rangle$ reland. <i>Journal of Fish Diseases</i> , 2013, 36, 293-298.	1.9	8
77	Vertebral fracture assessment-detected abdominal aortic calcification and cardiovascular disease in rheumatoid arthritis. <i>Seminars in Arthritis and Rheumatism</i> , 2014, 43, 632-637.	3.4	8
78	Preconditioning Shields Against Vascular Events in Surgery (SAVES), a multicentre feasibility trial of preconditioning against adverse events in major vascular surgery: study protocol for a randomised control trial. <i>Trials</i> , 2015, 16, 185.	1.6	8
79	Analysis of revascularisation in ischaemic stroke with EmboTrap (ARISE I study) and meta-analysis of thrombectomy. <i>Interventional Neuroradiology</i> , 2019, 25, 261-270.	1.1	8
80	Modelling menstrual cycle length in athletes using state-space models. <i>Scientific Reports</i> , 2021, 11, 16972.	3.3	8
81	Screening for gestational diabetes mellitus in primary versus secondary care: The clinical outcomes of a randomised controlled trial. <i>Diabetes Research and Clinical Practice</i> , 2016, 117, 55-63.	2.8	6
82	A comparison of methods to generate adaptive reference ranges in longitudinal monitoring. <i>PLoS ONE</i> , 2021, 16, e0247338.	2.5	6
83	Summarising censored survival data using the mean residual life function. <i>Statistics in Medicine</i> , 2015, 34, 1965-1976.	1.6	5
84	An alternative pruning based approach to unbiased recursive partitioning. <i>Computational Statistics and Data Analysis</i> , 2017, 106, 90-102.	1.2	5
85	An evaluation of an intervention designed to help inactive adults become more active with a peer mentoring component: a protocol for a cluster randomised feasibility trial of the Move for Life programme. <i>Pilot and Feasibility Studies</i> , 2019, 5, 88.	1.2	5
86	Modelling the relationship between continuously measured glucose and electrocardiographic data in adults with type 1 diabetes mellitus. <i>Endocrinology, Diabetes and Metabolism</i> , 2021, 4, e00263.	2.4	5
87	The Multimorbidity COllaborative Medication Review And DEcision Making (MyComrade) study: a protocol for a cross-border pilot cluster randomised controlled trial. <i>Pilot and Feasibility Studies</i> , 2022, 8, 73.	1.2	5
88	Improving outcomes among young adults with type 1 diabetes: the D1 Now pilot cluster randomised controlled trial. <i>Pilot and Feasibility Studies</i> , 2022, 8, 56.	1.2	5
89	Does reading a book in bed make a difference to sleep in comparison to not reading a book in bed? The Peopleâ€™s Trialâ€™an online, pragmatic, randomised trial. <i>Trials</i> , 2021, 22, 873.	1.6	5
90	Sleep to lower elevated blood pressure: study protocol for a randomized controlled trial. <i>Trials</i> , 2014, 15, 393.	1.6	4

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91	The Prevalence of Aortic Calcification on Vertebral Fracture Assessment Imaging Among Patients With Rheumatoid Arthritis. <i>Journal of Clinical Densitometry</i> , 2014, 17, 72-77.	1.2	4
92	Prevention of striae gravidarum: study protocol for a pilot randomised controlled trial. <i>Trials</i> , 2018, 19, 553.	1.6	4
93	Medical encounters at community-based physical activity events (parkrun) in the UK. <i>British Journal of Sports Medicine</i> , 2021, 55, 1420-1426.	6.7	4
94	Feasibility of a physical activity programme embedded into the daily lives of older adults living in nursing homes: protocol for a randomised controlled pilot feasibility study. <i>Trials</i> , 2018, 19, 461.	1.6	3
95	A Bayesian Approach for Imputation of Censored Survival Data. <i>Stats</i> , 2022, 5, 89-107.	0.9	3
96	The People's Trial: supporting the public's understanding of randomised trials. <i>Trials</i> , 2022, 23, 205.	1.6	3
97	Design-based methods to influence the completeness of response to self-administered questionnaires. <i>The Cochrane Library</i> , 0, , .	2.8	2
98	The feasibility of a Comprehensive Resilience-building psychosocial Intervention (CREST) for people with dementia in the community: protocol for a non-randomised feasibility study. <i>Pilot and Feasibility Studies</i> , 2020, 6, 177.	1.2	2
99	App for the calculation of blood lactate markers. <i>Journal of Sports Sciences</i> , 2015, 33, 568-569.	2.0	1
100	Prognosis of patients with apparent treatment-resistant hypertension—a feasibility study. <i>Pilot and Feasibility Studies</i> , 2018, 4, 43.	1.2	1
101	Authors' reply re: Admission cardiotocography versus intermittent auscultation of the fetal heart in low-risk pregnancy during evaluation for possible labour admission—a multicentre randomised trial: the <sc>ADCAR</sc> trial. <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , 2019, 126, 429-430.	2.3	0