

# Karen E Wills

## List of Publications by Citations

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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.

66

papers

1,526

citations

19

h-index

38

g-index

80

ext. papers

1,808

ext. citations

4.9

avg, IF

4.63

L-index

#	Paper	IF	Citations
66	Effect of high flow oxygen on mortality in chronic obstructive pulmonary disease patients in prehospital setting: randomised controlled trial. <i>BMJ, The</i> , <b>2010</b> , 341, c5462	5.9	267
65	Seasonal not annual rainfall determines grassland biomass response to carbon dioxide. <i>Nature</i> , <b>2014</b> , 511, 583-6	50.4	103
64	Landscape patterns of woody plant response to crown fire: disturbance and productivity influence sprouting ability. <i>Journal of Ecology</i> , <b>2005</b> , 93, 544-555	6	88
63	Warming and free-air CO <sub>2</sub> enrichment alter demographics in four co-occurring grassland species. <i>New Phytologist</i> , <b>2007</b> , 176, 365-374	9.8	83
62	BETWEEN-PERSON AND WITHIN-PERSON VARIABILITY IN VITAMIN D, PHYSICAL ACTIVITY, PAIN, AND FALLS RISK. <i>Innovation in Aging</i> , <b>2017</b> , 1, 1244-1244	0.1	78
61	Warming prevents the elevated CO <sub>2</sub> -induced reduction in available soil nitrogen in a temperate, perennial grassland. <i>Global Change Biology</i> , <b>2008</b> , 14, 1018-1024	11.4	68
60	Flowering phenology in a species-rich temperate grassland is sensitive to warming but not elevated CO <sub>2</sub> . <i>New Phytologist</i> , <b>2008</b> , 178, 815-822	9.8	63
59	Warming and elevated CO <sub>2</sub> affect the relationship between seed mass, germinability and seedling growth in <i>Austrodanthonia caespitosa</i> , a dominant Australian grass. <i>Global Change Biology</i> , <b>2008</b> , 14, 1633-1641	11.4	62
58	Prospective Associations of Low Muscle Mass and Function with 10-Year Falls Risk, Incident Fracture and Mortality in Community-Dwelling Older Adults. <i>Journal of Nutrition, Health and Aging</i> , <b>2017</b> , 21, 843-848	5.2	59
57	A randomized controlled trial of inhaled corticosteroids (ICS) on markers of epithelial-mesenchymal transition (EMT) in large airway samples in COPD: an exploratory proof of concept study. <i>International Journal of COPD</i> , <b>2014</b> , 9, 533-42	3	59
56	The TasFACE climate-change impacts experiment: design and performance of combined elevated CO <sub>2</sub> and temperature enhancement in a native Tasmanian grassland. <i>Australian Journal of Botany</i> , <b>2006</b> , 54, 1	1.2	57
55	Effects of telephone health mentoring in community-recruited chronic obstructive pulmonary disease on self-management capacity, quality of life and psychological morbidity: a randomised controlled trial. <i>BMJ Open</i> , <b>2013</b> , 3, e003097	3	52
54	Moderate-to-Vigorous Physical Activity But Not Sedentary Time Is Associated With Musculoskeletal Health Outcomes in a Cohort of Australian Middle-Aged Women. <i>Journal of Bone and Mineral Research</i> , <b>2017</b> , 32, 708-715	6.3	31
53	Prospective associations of osteosarcopenia and osteodysplasia with incident fracture and mortality over 10 years in community-dwelling older adults. <i>Archives of Gerontology and Geriatrics</i> , <b>2019</b> , 82, 67-73	4	27
52	Influence of warming on soil water potential controls seedling mortality in perennial but not annual species in a temperate grassland. <i>New Phytologist</i> , <b>2008</b> , 180, 143-152	9.8	24
51	Flowering, seed production and seed mass in a species-rich temperate grassland exposed to FACE and warming. <i>Australian Journal of Botany</i> , <b>2007</b> , 55, 780	1.2	23
50	Maternal exposure to short-to medium-term outdoor air pollution and obstetric and neonatal outcomes: A systematic review. <i>Environmental Pollution</i> , <b>2019</b> , 244, 915-925	9.3	23

49	Relationship between severe obesity and depth to the cricothyroid membrane in third-trimester non-labouring parturients: a prospective observational study. <i>British Journal of Anaesthesia</i> , <b>2018</b> , 120, 1033-1039	5.4	22
48	Associations of dietary patterns with bone mass, muscle strength and balance in a cohort of Australian middle-aged women. <i>British Journal of Nutrition</i> , <b>2017</b> , 118, 598-606	3.6	20
47	Effects of individualized bone density feedback and educational interventions on osteoporosis knowledge and self-efficacy: a 12-yr prospective study. <i>Journal of Clinical Densitometry</i> , <b>2014</b> , 17, 466-723.5	3.5	19
46	Low intensity repetitive transcranial magnetic stimulation modulates skilled motor learning in adult mice. <i>Scientific Reports</i> , <b>2018</b> , 8, 4016	4.9	17
45	Cumulative risks and cessation of exclusive breast feeding: Australian cross-sectional survey. <i>Archives of Disease in Childhood</i> , <b>2015</b> , 100, 863-8	2.2	16
44	Elevated CO <sub>2</sub> and warming impacts on flowering phenology in a southern Australian grassland are related to flowering time but not growth form, origin or longevity. <i>Australian Journal of Botany</i> , <b>2008</b> , 56, 630	1.2	16
43	Temporal trends in the risk of developing multiple primary cancers: a systematic review. <i>BMC Cancer</i> , <b>2016</b> , 16, 849	4.8	15
42	Development and reliability testing of the quality clinical placement evaluation tool. <i>Journal of Clinical Nursing</i> , <b>2014</b> , 23, 504-14	3.2	15
41	Cardiovascular and other competing causes of death among patients with cancer from 2006 to 2015: An Australian population-based study. <i>Cancer</i> , <b>2019</b> , 125, 442-452	6.4	15
40	The association between ambulatory activity, body composition and hip or knee joint replacement due to osteoarthritis: a prospective cohort study. <i>Osteoarthritis and Cartilage</i> , <b>2018</b> , 26, 671-679	6.2	14
39	Maternal exposure to fine particulate matter from a large coal mine fire is associated with gestational diabetes mellitus: A prospective cohort study. <i>Environmental Research</i> , <b>2020</b> , 183, 108956	7.9	14
38	Lower limb muscle strength is associated with poor balance in middle-aged women: linear and nonlinear analyses. <i>Osteoporosis International</i> , <b>2016</b> , 27, 2241-2248	5.3	12
37	Clinical diaries in COPD: compliance and utility in predicting acute exacerbations. <i>International Journal of COPD</i> , <b>2012</b> , 7, 427-35	3	12
36	Prospective associations of low muscle mass and strength with health-related quality of life over 10-year in community-dwelling older adults. <i>Experimental Gerontology</i> , <b>2019</b> , 118, 65-71	4.5	10
35	Adverse birth outcomes in Victoria, Australia in association with maternal exposure to low levels of ambient air pollution. <i>Environmental Research</i> , <b>2020</b> , 188, 109784	7.9	10
34	Cut-points for associations between vitamin D status and multiple musculoskeletal outcomes in middle-aged women. <i>Osteoporosis International</i> , <b>2017</b> , 28, 505-515	5.3	10
33	Prospective outcomes in patients with acute exacerbations of chronic obstructive pulmonary disease presenting to hospital: a generalisable clinical audit. <i>Internal Medicine Journal</i> , <b>2015</b> , 45, 925-33	1.6	10
32	Systematic studies in Paniceae (Poaceae): <i>Homopholis</i> and <i>Whalleya</i> gen. et sp. nov.. <i>Australian Systematic Botany</i> , <b>2000</b> , 13, 437	1	10

31	Effects of Mindfulness on Psychological Distress and HbA1c in People with Diabetes. <i>Mindfulness</i> , <b>2018</b> , 9, 1615-1626	2.9	9
30	Associations of health literacy with diabetic foot outcomes: a systematic review and meta-analysis. <i>Diabetic Medicine</i> , <b>2018</b> , 35, 1470-1479	3.5	9
29	Maternal Exposure to Ambient Air Pollution and Pregnancy Complications in Victoria, Australia. <i>International Journal of Environmental Research and Public Health</i> , <b>2020</b> , 17,	4.6	8
28	Temporal trends in the risk of second primary cancers among survivors of adult-onset cancers, 1980 through 2013: An Australian population-based study. <i>Cancer</i> , <b>2018</b> , 124, 1808-1818	6.4	8
27	Both Baseline and Change in Lower Limb Muscle Strength in Younger Women Are Independent Predictors of Balance in Middle Age: A 12-Year Population-Based Prospective Study. <i>Journal of Bone and Mineral Research</i> , <b>2017</b> , 32, 1201-1208	6.3	7
26	Plant trait - environmental linkages among contrasting landscapes and climate regimes in temperate eucalypt woodlands. <i>Australian Journal of Botany</i> , <b>2008</b> , 56, 422	1.2	7
25	Longitudinal Associations of Serum 25-hydroxyvitamin D, Physical Activity, and Knee Pain and Dysfunction with Muscle Loss in Community-dwelling Older Adults. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , <b>2018</b> , 73, 526-531	6.4	7
24	Maternal exposure to fine particulate matter from a coal mine fire and birth outcomes in Victoria, Australia. <i>Environment International</i> , <b>2019</b> , 127, 233-242	12.9	5
23	Individualized Fracture Risk Feedback and Long-term Benefits After 10 Years. <i>American Journal of Preventive Medicine</i> , <b>2018</b> , 54, 266-274	6.1	5
22	Cancer risk management in Tasmanian women with BRCA1 and BRCA2 mutations. <i>Familial Cancer</i> , <b>2018</b> , 17, 333-344	3	5
21	Dietary patterns and their associations with socio-demographic and lifestyle factors in Tasmanian older adults: a longitudinal cohort study. <i>European Journal of Clinical Nutrition</i> , <b>2019</b> , 73, 714-723	5.2	5
20	Longitudinal associations between serum 25-hydroxyvitamin D, physical activity, knee pain and dysfunction and physiological falls risk in community-dwelling older adults. <i>Experimental Gerontology</i> , <b>2018</b> , 104, 72-77	4.5	3
19	Clinical features and lung function in HIV-infected children with chronic lung disease. <i>SAJCH South African Journal of Child Health</i> , <b>2015</b> , 9, 72	0.8	3
18	Standardised training program in spinal ultrasound for epidural insertion: protocol driven versus non-protocol driven teaching approach. <i>Anaesthesia and Intensive Care</i> , <b>2014</b> , 42, 460-6	1.1	3
17	Associations of health literacy with risk factors for diabetic foot disease: a cross-sectional analysis of the Southern Tasmanian Health Literacy and Foot Ulcer Development in Diabetes Mellitus Study. <i>BMJ Open</i> , <b>2019</b> , 9, e025349	3	3
16	Patellar tendon enthesis abnormalities and their association with knee pain and structural abnormalities in older adults. <i>Osteoarthritis and Cartilage</i> , <b>2019</b> , 27, 449-458	6.2	3
15	How Do MRI-Detected Subchondral Bone Marrow Lesions (BMLs) on Two Different MRI Sequences Correlate with Clinically Important Outcomes?. <i>Calcified Tissue International</i> , <b>2018</b> , 103, 131-143	3.9	2
14	Cohort Profile: The Hazelwood Health Study Latrobe Early Life Follow-Up (ELF) Study. <i>International Journal of Epidemiology</i> , <b>2021</b> , 49, 1779-1780	7.8	2

13	Favourable outcomes for childhood acute lymphoblastic leukaemia in an isolated setting: The Tasmanian experience. <i>Cancer Reports</i> , <b>2018</b> , 1, e1107	1.5	1
12	Temporal trends in competing mortality from second and subsequent primary cancers, 1980-2014: An Australian population-based study. <i>Cancer Epidemiology</i> , <b>2018</b> , 55, 61-67	2.8	1
11	Grass not fungus: <i>Walwhalleya</i> nom. nov. (Poaceae, Paniceae). <i>Australian Systematic Botany</i> , <b>2006</b> , 19, 327	1	1
10	Retraction Note: Dietary patterns and their associations with socio-demographic and lifestyle factors in Tasmanian older adults: a longitudinal cohort study. <i>European Journal of Clinical Nutrition</i> , <b>2020</b> , 74, 214	5.2	1
9	Longitudinal associations of dietary patterns with sociodemographic and lifestyle factors in older adults: the TASOAC study. <i>European Journal of Clinical Nutrition</i> , <b>2021</b> , 75, 759-767	5.2	1
8	Associations between dietary patterns and osteoporosis-related outcomes in older adults: a longitudinal study. <i>European Journal of Clinical Nutrition</i> , <b>2021</b> , 75, 792-800	5.2	1
7	Chronic Plantar Heel Pain Is Principally Associated With Waist Girth (Systemic) and Pain (Central) Factors, Not Foot Factors: A Case-Control Study. <i>Journal of Orthopaedic and Sports Physical Therapy</i> , <b>2021</b> , 51, 449-458	4.2	1
6	Continuous positive airway pressure plus low flow oxygen versus usual care of severe acute cardiogenic pulmonary edema in the pre-hospital setting: A randomised controlled trial. <i>F1000Research</i> , <b>7</b> , 708	3.6	0
5	Identifying subgroups of community-dwelling older adults and their prospective associations with long-term knee osteoarthritis outcomes. <i>Clinical Rheumatology</i> , <b>2020</b> , 39, 1429-1437	3.9	0
4	Associations of dietary patterns with bone density and fractures in adults: A systematic review and meta-analysis. <i>Australian Journal of General Practice</i> , <b>2021</b> , 50, 394-401	1.5	0
3	Hand Examination, Ultrasound, and the Association With Hand Pain and Function in Community-Based Older Adults. <i>Arthritis Care and Research</i> , <b>2021</b> , 73, 347-354	4.7	0
2	Chronic plantar heel pain modifies associations of ankle plantarflexor strength and body mass index with calcaneal bone density and microarchitecture. <i>PLoS ONE</i> , <b>2021</b> , 16, e0260925	3.7	0
1	Cognition, educational attainment and diabetes distress predict poor health literacy in diabetes: A cross-sectional analysis of the SHELLED study.. <i>PLoS ONE</i> , <b>2022</b> , 17, e0267265	3.7	