

# Kerrie M Sanders

## List of Publications by Year in descending order

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116  
papers

8,922  
citations

50276  
46  
h-index

40979  
93  
g-index

116  
all docs

116  
docs citations

116  
times ranked

9406  
citing authors

#	ARTICLE	IF	CITATIONS
1	Annual High-Dose Oral Vitamin D and Falls and Fractures in Older Women. JAMA - Journal of the American Medical Association, 2010, 303, 1815.	7.4	1,159
2	The use of clinical risk factors enhances the performance of BMD in the prediction of hip and osteoporotic fractures in men and women. Osteoporosis International, 2007, 18, 1033-1046.	3.1	1,017
3	A Pooled Analysis of Vitamin D Dose Requirements for Fracture Prevention. New England Journal of Medicine, 2012, 367, 40-49.	27.0	710
4	Vitamin D and health in adults in Australia and New Zealand: a position statement. Medical Journal of Australia, 2012, 196, 686-687.	1.7	270
5	Age- and Gender-Specific Rate of Fractures in Australia: A Population-Based Study. Osteoporosis International, 1999, 10, 240-247.	3.1	236
6	Î²-Adrenergic Blockers Reduce the Risk of Fracture Partly by Increasing Bone Mineral Density: Geelong Osteoporosis Study. Journal of Bone and Mineral Research, 2004, 19, 19-24.	2.8	229
7	The Exclusion of High Trauma Fractures May Underestimate the Prevalence of Bone Fragility Fractures in the Community: The Geelong Osteoporosis Study. Journal of Bone and Mineral Research, 1998, 13, 1337-1342.	2.8	187
8	Vitamin D with Calcium Reduces Mortality: Patient Level Pooled Analysis of 70,528 Patients from Eight Major Vitamin D Trials. Journal of Clinical Endocrinology and Metabolism, 2012, 97, 2670-2681.	3.6	186
9	Cognitive impairment and vitamin B12: a review. International Psychogeriatrics, 2012, 24, 541-556.	1.0	179
10	Health burden of hip and other fractures in Australia beyond 2000: Projections based on the Geelong Osteoporosis Study. Medical Journal of Australia, 1999, 170, 467-470.	1.7	178
11	Seasonal Periodicity of Serum Vitamin D and Parathyroid Hormone, Bone Resorption, and Fractures: The Geelong Osteoporosis Study. Journal of Bone and Mineral Research, 2004, 19, 752-758.	2.8	173
12	Vitamin D deficiency may play a role in depression. Medical Hypotheses, 2007, 69, 1316-1319.	1.5	164
13	Half the burden of fragility fractures in the community occur in women without osteoporosis. When is fracture prevention cost-effective?. Bone, 2006, 38, 694-700.	2.9	159
14	Statin Use, Bone Mineral Density, and Fracture Risk. Archives of Internal Medicine, 2002, 162, 537.	3.8	158
15	The human cost of fracture. Osteoporosis International, 2005, 16, 2046-2052.	3.1	158
16	Annual high-dose vitamin D <sub>3</sub> and mental well-being: randomised controlled trial. British Journal of Psychiatry, 2011, 198, 357-364.	2.8	139
17	Effects of resistance exercise and fortified milk on skeletal muscle mass, muscle size, and functional performance in middle-aged and older men: an 18-mo randomized controlled trial. Journal of Applied Physiology, 2009, 107, 1864-1873.	2.5	137
18	Vitamin D status of women in the Geelong Osteoporosis Study: association with diet and casual exposure to sunlight. Medical Journal of Australia, 2001, 175, 401-405.	1.7	127

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19	Effects of a Targeted Multimodal Exercise Program Incorporating High-Speed Power Training on Falls and Fracture Risk Factors in Older Adults: A Community-Based Randomized Controlled Trial. Journal of Bone and Mineral Research, 2014, 29, 182-191.	2.8	127
20	Characteristics of recurrent fractures. Osteoporosis International, 2018, 29, 1747-1757.	3.1	122
21	The International Costs and Utilities Related to Osteoporotic Fractures Study (ICUIROS)â€™quality of life during the first 4Âmonths after fracture. Osteoporosis International, 2013, 24, 811-823.	3.1	114
22	Independent and Combined Effects of Calcium-Vitamin D3 and Exercise on Bone Structure and Strength in Older Men: An 18-Month Factorial Design Randomized Controlled Trial. Journal of Clinical Endocrinology and Metabolism, 2011, 96, 955-963.	3.6	113
23	Operational definitions of sarcopenia and their associations with 5-year changes in falls risk in community-dwelling middle-aged and older adults. Osteoporosis International, 2014, 25, 187-193.	3.1	113
24	Effects of a multi-component exercise program and calciumâ€™vitamin-D3-fortified milk on bone mineral density in older men: a randomised controlled trial. Osteoporosis International, 2009, 20, 1241-1251.	3.1	106
25	Sarcopenic obesity and dynapenic obesity: 5-year associations with falls risk in middle-aged and older adults. Obesity, 2014, 22, 1568-1574.	3.0	95
26	Lifetime and Five-Year Age-Specific Risks of First and Subsequent Osteoporotic Fractures in Postmenopausal Women. Osteoporosis International, 2001, 12, 16-23.	3.1	93
27	Dietary protein intake and risk of type 2 diabetes: results from the Melbourne Collaborative Cohort Study and a meta-analysis of prospective studies. American Journal of Clinical Nutrition, 2016, 104, 1352-1365.	4.7	93
28	Fracture rates lower in rural than urban communities: the Geelong Osteoporosis Study. Journal of Epidemiology and Community Health, 2002, 56, 466-470.	3.7	92
29	Quality of life for up to 18Âmonths after low-energy hip, vertebral, and distal forearm fracturesâ€™results from the ICUROS. Osteoporosis International, 2018, 29, 557-566.	3.1	88
30	Do replicable profiles of multimorbidity exist? Systematic review and synthesis. European Journal of Epidemiology, 2019, 34, 1025-1053.	5.7	88
31	Fall and Fracture Risk in Sarcopenia and Dynapenia With and Without Obesity: the Role of Lifestyle Interventions. Current Osteoporosis Reports, 2015, 13, 235-244.	3.6	80
32	Changes in quality of life associated with fragility fractures: Australian arm of the International Cost and Utility Related to Osteoporotic Fractures Study (AusICUIROS). Osteoporosis International, 2015, 26, 1781-1790.	3.1	80
33	The Cost of Osteoporosis, Osteopenia, and Associated Fractures in Australia in 2017. Journal of Bone and Mineral Research, 2019, 34, 616-625.	2.8	80
34	Is High Dose Vitamin D Harmful?. Calcified Tissue International, 2013, 92, 191-206.	3.1	79
35	Undercarboxylated osteocalcin, muscle strength and indices of bone health in older women. Bone, 2014, 64, 8-12.	2.9	71
36	Nutritional strategies for maintaining muscle mass and strength from middle age to later life: A narrative review. Maturitas, 2020, 132, 57-64.	2.4	69

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37	Calcium intakes among Australian women: Geelong Osteoporosis Study. Australian and New Zealand Journal of Medicine, 2000, 30, 21-27.	0.5	64
38	Dietary protein from different food sources, incident metabolic syndrome and changes in its components: An 11-year longitudinal study in healthy community-dwelling adults. Clinical Nutrition, 2017, 36, 1540-1548.	5.0	62
39	Validity of 12-Month Falls Recall in Community-Dwelling Older Women Participating in a Clinical Trial. International Journal of Endocrinology, 2014, 2014, 1-6.	1.5	60
40	Vitamin D Deficiency and its Role in Muscle-Bone Interactions in the Elderly. Current Osteoporosis Reports, 2014, 12, 74-81.	3.6	59
41	Serum selenium status in <sc> Graves' disease with and without orbitopathy: a case-control study. Clinical Endocrinology, 2014, 80, 905-910.	2.4	58
42	Establishing an Operational Definition of Sarcopenia in Australia and New Zealand: Delphi Method Based Consensus Statement. Journal of Nutrition, Health and Aging, 2019, 23, 105-110.	3.3	58
43	Differential utilization of eicosapentaenoic acid and docosahexaenoic acid in human plasma. Lipids, 1993, 28, 525-531.	1.7	57
44	Effects of a 12-Month Supervised, Community-Based, Multimodal Exercise Program Followed by a 6-Month Research-to-Practice Transition on Bone Mineral Density, Trabecular Microarchitecture, and Physical Function in Older Adults: A Randomized Controlled Trial. Journal of Bone and Mineral Research, 2020, 35, 419-429.	2.8	55
45	Fracture Risk (FRISK) Score: Geelong Osteoporosis Study. Radiology, 2006, 241, 190-196.	7.3	54
46	Calcium and bone health: position statement for the Australian and New Zealand Bone and Mineral Society, Osteoporosis Australia and the Endocrine Society of Australia. Medical Journal of Australia, 2009, 190, 316-320.	1.7	48
47	Investigating the predictive ability of gait speed and quadriceps strength for incident falls in community-dwelling older women at high risk of fracture. Archives of Gerontology and Geriatrics, 2014, 58, 308-313.	3.0	47
48	Declining Incidence of Medication-Related Osteonecrosis of the Jaw in Patients With Cancer. Journal of Clinical Endocrinology and Metabolism, 2015, 100, 3887-3893.	3.6	41
49	Trials and tribulations of recruiting 2,000 older women onto a clinical trial investigating falls and fractures: Vital D study. BMC Medical Research Methodology, 2009, 9, 78.	3.1	38
50	Vitamin D and Physical Activity Status: Associations With Five-Year Changes in Body Composition and Muscle Function in Community-Dwelling Older Adults. Journal of Clinical Endocrinology and Metabolism, 2015, 100, 670-678.	3.6	38
51	Quality of life after hip, vertebral, and distal forearm fragility fractures measured using the EQ-5D-3L, EQ-VAS, and time-trade-off: results from the ICUROS. Quality of Life Research, 2018, 27, 707-716.	3.1	36
52	The Role of Elders in the Wellbeing of a Contemporary Australian Indigenous Community. Gerontologist, The, 2020, 60, 513-524.	3.9	36
53	Osteo-cise: Strong Bones for Life: Protocol for a community-based randomised controlled trial of a multi-modal exercise and osteoporosis education program for older adults at risk of falls and fractures. BMC Musculoskeletal Disorders, 2012, 13, 78.	1.9	35
54	The effect of dietary fat level and quality on plasma lipoprotein lipids and plasma fatty acids in normocholesterolemic subjects. Lipids, 1994, 29, 129-138.	1.7	33

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55	Potential role of the antioxidant N-acetylcysteine in slowing bone resorption in early post-menopausal women: a pilot study. Translational Research, 2007, 150, 215.	5.0	31
56	Changes in hip fracture rates in southeastern Australia spanning the period 1994â€“2007. Journal of Bone and Mineral Research, 2011, 26, 1648-1654.	2.8	31
57	Validity of 12-Month Falls Recall in Community-Dwelling Older Women Participating in a Clinical Trial. International Journal of Endocrinology, 2015, 2015, 1-6.	1.5	31
58	Biomechanical balance response during induced falls under dual task conditions in people with knee osteoarthritis. Gait and Posture, 2016, 48, 106-112.	1.4	30
59	Associations of components of sarcopenic obesity with bone health and balance in older adults. Archives of Gerontology and Geriatrics, 2018, 75, 125-131.	3.0	30
60	The Association Between Anxiety and Falls: A Meta-Analysis. Journals of Gerontology - Series B Psychological Sciences and Social Sciences, 2017, 72, gbw160.	3.9	29
61	Inflammatory cytokine responses to progressive resistance training and supplementation with fortified milk in men aged 50+ years: an 18-month randomized controlled trial. European Journal of Applied Physiology, 2011, 111, 3079-3088.	2.5	28
62	Assessment of Fracture Risk. Journal of Clinical Densitometry, 2001, 4, 283-289.	1.2	26
63	Effect of Clinical Care Pathways on Quality of Life and Physical Function After Fragility Fracture: A Meta-analysis. Journal of the American Medical Directors Association, 2019, 20, 926.e1-926.e11.	2.5	26
64	Associations between socioeconomic status and primary total knee joint replacements performed for osteoarthritis across Australia 2003â€“10: data from the Australian Orthopaedic Association National Joint Replacement Registry. BMC Musculoskeletal Disorders, 2014, 15, 356.	1.9	22
65	SIMPLIFIED RISK STRATIFICATION IN ELECTIVE COLORECTAL SURGERY. ANZ Journal of Surgery, 2008, 78, 24-27.	0.7	21
66	Shining the Light on Sunshine: a systematic review of the influence of sun exposure on type 2 diabetes mellitus-related outcomes. Clinical Endocrinology, 2014, 81, 799-811.	2.4	21
67	Effectiveness of dual-task functional power training for preventing falls in older people: study protocol for a cluster randomised controlled trial. Trials, 2015, 16, 120.	1.6	21
68	Paracetamol (acetaminophen) use, fracture and bone mineral density. Bone, 2011, 48, 1277-1281.	2.9	20
69	Fracture Risk Score and Absolute Risk of Fracture. Radiology, 2011, 259, 495-501.	7.3	20
70	Changes in gait performance over several years are associated with recurrent falls status in community-dwelling older women at high risk of fracture. Age and Ageing, 2015, 44, 287-293.	1.6	20
71	New findings on vitamin D3 supplementation and falls â€“ when more is perhaps not better. Nature Reviews Endocrinology, 2016, 12, 190-191.	9.6	20
72	Humeral Fractures in South-Eastern Australia: Epidemiology and Risk Factors. Calcified Tissue International, 2015, 97, 453-465.	3.1	19

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73	Diversity in fall characteristics hampers effective prevention: the precipitants, the environment, the fall and the injury. <i>Osteoporosis International</i> , 2017, 28, 3005-3015.	3.1	19
74	Hormone therapy and risk of non-vertebral fracture: Geelong Osteoporosis Study. <i>Osteoporosis International</i> , 2004, 15, 434-8.	3.1	18
75	Vitamin D, bones and muscle: myth versus reality. <i>Australasian Journal on Ageing</i> , 2017, 36, 8-13.	0.9	18
76	Efficacy and Safety of Oral Methazolamide in Patients With Type 2 Diabetes: A 24-Week, Placebo-Controlled, Double-Blind Study. <i>Diabetes Care</i> , 2014, 37, 3121-3123.	8.6	17
77	Health Service Use and Quality of Life Recovery 12 Months Following Major Osteoporotic Fracture: Latent Class Analyses of the International Costs and Utilities Related to Osteoporotic Fractures Study (ICUROS). <i>Journal of Bone and Mineral Research</i> , 2020, 36, 252-261.	2.8	17
78	Non-hip and non-vertebral fractures: the neglected fracture sites. <i>Osteoporosis International</i> , 2016, 27, 905-913.	3.1	15
79	Aspirin and fracture risk: a systematic review and exploratory meta-analysis of observational studies. <i>BMJ Open</i> , 2020, 10, e026876.	1.9	15
80	Associations between illness duration and health-related quality of life in specified mental and physical chronic health conditions: results from a population-based survey. <i>Quality of Life Research</i> , 2017, 26, 2671-2681.	3.1	14
81	Health service use pathways associated with recovery of quality of life at 12-months for individual fracture sites: Analyses of the International Costs and Utilities Related to Osteoporotic fractures Study (ICUROS). <i>Bone</i> , 2021, 144, 115805.	2.9	14
82	The Effect of Yearly-Dose Vitamin D Supplementation on Muscle Function in Mice. <i>Nutrients</i> , 2019, 11, 1097.	4.1	13
83	Vitamin D, Muscle Function, and Falls in Older Adults: Does Reduced Deposition of Intramuscular Adipose Tissue Influence the Relationship?. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2013, 98, 3968-3970.	3.6	12
84	Dietary $\omega$ -3 Fatty Acids Are Inversely Associated with Abdominal Aortic Calcification in Older Women, but Not in Older Men. <i>Journal of Nutrition</i> , 2015, 145, 1778-1786.	2.9	11
85	The effect of vitamin D status on pain, lower limb strength and knee function during balance recovery in people with knee osteoarthritis: an exploratory study. <i>Archives of Osteoporosis</i> , 2017, 12, 83.	2.4	10
86	Calf muscle density is independently associated with physical function in overweight and obese older adults. <i>Journal of Musculoskeletal Neuronal Interactions</i> , 2018, 18, 9-17.	0.1	10
87	MONITORING FALLS IN COHORT STUDIES OF COMMUNITY-DWELLING OLDER WOMEN. <i>Journal of the American Geriatrics Society</i> , 2009, 57, 733-734.	2.6	9
88	Annual Feedback Is an Effective Tool for a Sustained Increase in Calcium Intake among Older Women. <i>Nutrients</i> , 2010, 2, 1018-1025.	4.1	9
89	Adiposity assessed by anthropometric measures has a similar or greater predictive ability than dual-energy X-ray absorptiometry measures for abdominal aortic calcification in community-dwelling older adults. <i>International Journal of Cardiovascular Imaging</i> , 2016, 32, 1451-1460.	1.5	9
90	A randomised controlled trial of low-dose aspirin for the prevention of fractures in healthy older people: protocol for the ASPREE-Fracture substudy: Table A1. <i>Injury Prevention</i> , 2016, 22, 297-301.	2.4	9

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91	Few geographic and socioeconomic variations exist in primary total shoulder arthroplasty: a multi-level study of Australian registry data. BMC Musculoskeletal Disorders, 2016, 17, 291.	1.9	8
92	Strategies and challenges associated with recruiting retirement village communities and residents into a group exercise intervention. BMC Medical Research Methodology, 2018, 18, 173.	3.1	8
93	A randomized controlled trial to evaluate the effectiveness of a staff training program to implement consumer directed care on resident quality of life in residential aged care. BMC Geriatrics, 2018, 18, 287.	2.7	8
94	Resident perceptions of opportunity for communication and contribution to care planning in residential aged care. International Journal of Older People Nursing, 2020, 15, e12276.	1.3	8
95	Arthritis diagnosis and symptoms are positively associated with specific physical job exposures in lower- and middle-income countries: cross-sectional results from the World Health Organization's Study on global AGEing and adult health (SAGE). BMC Public Health, 2018, 18, 719.	2.9	7
96	Consumer directed care in residential aged care: an evaluation of a staff training program. Aging and Mental Health, 2020, 24, 673-678.	2.8	7
97	Recovery of quality of life is associated with lower mortality 5-year post-fracture: the Australian arm of the International Costs and Utilities Related to Osteoporotic Fractures Study (AusICUROS). Archives of Osteoporosis, 2021, 16, 112.	2.4	7
98	Annual feedback is an effective tool for a sustained increase in calcium intake among older women. Nutrients, 2010, 2, 1018-25.	4.1	6
99	Dietary quality is associated with abdominal aortic calcification: A mean of 18-year longitudinal study in community-dwelling older adults. Journal of Nutrition, Health and Aging, 2017, 21, 147-151.	3.3	4
100	Stepping strategy used to recover balance during an induced fall is associated with impaired function and strength in people with knee osteoarthritis. International Journal of Rheumatic Diseases, 2018, 21, 1763-1771.	1.9	4
101	Fracture thresholds revisited. Geelong Osteoporosis Study. Journal of Clinical Epidemiology, 2002, 55, 642-646.	5.0	3
102	Application of Epidemiology to Change Health Policy: Defining Age-Related Thresholds of Bone Mineral Density for Primary Prevention of Fracture. Journal of Clinical Densitometry, 2008, 11, 494-497.	1.2	3
103	Health Outcomes Associated with Hormone Therapy in Australian Women. Current Drug Safety, 2009, 4, 169-172.	0.6	3
104	Falls and 3-Hydroxy-3-Methylglutaryl Coenzyme A Reductase Inhibitors. Archives of Internal Medicine, 2002, 162, 2381-2381.	3.8	3
105	High-Dose Oral Vitamin D Supplementation and Risk of Falls in Older Women—Reply. JAMA - Journal of the American Medical Association, 2010, 304, 854.	7.4	2
106	In older patients with hip fracture, extended physiotherapy reduces falls compared with standard physiotherapy, and high dose cholecalciferol reduces hospital readmissions compared with lower dose. Evidence-Based Medicine, 2010, 15, 144-145.	0.6	2
107	Is High-Dose Vitamin D Harmful? Authors' Reply. Calcified Tissue International, 2013, 92, 491-492.	3.1	2
108	Microsimulation model for the health economic evaluation of osteoporosis interventions: study protocol. BMJ Open, 2019, 9, e028365.	1.9	2

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109	Effects of a multi-modal resistance exercise program and calcium-vitamin D3 fortified milk on blood pressure and blood lipids in middle-aged and older men: secondary analysis of an 18-month factorial design randomised controlled trial. European Journal of Nutrition, 2021, 60, 1289-1299.	3.9	1
110	Hip fracture rates in South Australia: Into the next century: Comment. ANZ Journal of Surgery, 2000, 70, 813-813.	0.7	1
111	Hip fracture rates in South Australia: Into the next century: Comment. Australian and New Zealand Journal of Surgery, 2000, 70, 813-813.	0.2	0
112	Fracture Risk Score. Radiology, 2007, 245, 298-298.	7.3	0
113	A single, annual, high dose of oral vitamin D increased falls and fractures in older women. Annals of Internal Medicine, 2010, 153, JC3.	3.9	0
114	A Pooled Analysis of Vitamin D Dose. Obstetrical and Gynecological Survey, 2012, 67, 637-638.	0.4	0
115	Reply to G-C Chen et al. American Journal of Clinical Nutrition, 2017, 105, 1016.	4.7	0
116	Percentage Set Straight. Archives of Internal Medicine, 2002, 162, 2379-2379.	3.8	0