Richard L Prince

List of Publications by Year
in descending order

93 papers	4,930 citations	136740 32 h-index	110170 64 g-index
96 all docs	96 docs citations	96 times ranked	6340 citing authors

#	Article	IF	Citations
1	Wholeâ€genome sequencing identifies EN1 as a determinant of bone density and fracture. Nature, 2015, 526, 112-117.	13.7	483
2	Modelling in Ecomomic Evaluation: An Unavoidable Fact of Life. , 1997, 6, 217-227.		482
3	Effects of Calcium Supplementation on Clinical Fracture and Bone Structure. Archives of Internal Medicine, 2006, 166, 869.	4.3	391
4	Exercise effects on bone mass in postmenopausal women are site-specific and load-dependent. Journal of Bone and Mineral Research, 1996, 11, 218-225.	3.1	382
5	Recreational Physical Activity Levels in Healthy Older Women: The Importance of Fear of Falling. Journal of the American Geriatrics Society, 2002, 50, 84-89.	1.3	298
6	The effects of calcium supplementation (milk powder or tablets) and exercise on bone density in postmenopausal women. Journal of Bone and Mineral Research, 1995, 10, 1068-1075.	3.1	283
7	Sustained Nonvertebral Fragility Fracture Risk Reduction After Discontinuation of Teriparatide Treatment. Journal of Bone and Mineral Research, 2005, 20, 1507-1513.	3.1	179
8	Resistance Training over 2 Years Increases Bone Mass in Calcium-Replete Postmenopausal Women. Journal of Bone and Mineral Research, 2001, 16, 175-181.	3.1	163
9	Large meta-analysis of genome-wide association studies identifies five loci for lean body mass. Nature Communications, 2017, 8, 80.	5.8	147
10	Phytoestrogens Reduce Bone Loss and Bone Resorption in Oophorectomized Rats. Journal of Nutrition, 1997, 127, 1795-1799.	1.3	127
11	Flavonoid intake and all-cause mortality. American Journal of Clinical Nutrition, 2015, 101, 1012-1020.	2.2	103
12	The Cost of Osteoporosis, Osteopenia, and Associated Fractures in Australia in 2017. Journal of Bone and Mineral Research, 2019, 34, 616-625.	3.1	80
13	Two-Year Whey Protein Supplementation Did Not Enhance Muscle Mass and Physical Function in Well-Nourished Healthy Older Postmenopausal Women. Journal of Nutrition, 2015, 145, 2520-2526.	1.3	79
14	Chronic kidney disease and the risk of cancer: an individual patient data meta-analysis of 32,057 participants from six prospective studies. BMC Cancer, 2016, 16, 488.	1.1	78
15	Physical Activity and Calcium Consumption Are Important Determinants of Lower Limb Bone Mass in Older Women. Journal of Bone and Mineral Research, 2004, 19, 1634-1639.	3.1	74
16	Development of a reference database for assessing dietary nitrate in vegetables. Molecular Nutrition and Food Research, 2017, 61, 1600982.	1.5	62
17	Association of Vegetable Nitrate Intake With Carotid Atherosclerosis and Ischemic Cerebrovascular Disease in Older Women. Stroke, 2017, 48, 1724-1729.	1.0	61
18	Apple intake is inversely associated with all-cause and disease-specific mortality in elderly women. British Journal of Nutrition, 2016, 115, 860-867.	1.2	50

#	Article	IF	Citations
19	Association of dietary nitrate with atherosclerotic vascular disease mortality: a prospective cohort study of older adult women. American Journal of Clinical Nutrition, 2017, 106, 207-216.	2.2	50
20	Abdominal Aortic Calcification Identified on Lateral Spine Images From Bone Densitometers Are a Marker of Generalized Atherosclerosis in Elderly Women. Arteriosclerosis, Thrombosis, and Vascular Biology, 2016, 36, 166-173.	1.1	49
21	Nitrate, the oral microbiome, and cardiovascular health: a systematic literature review of human and animal studies. American Journal of Clinical Nutrition, 2018, 107, 504-522.	2.2	49
22	Costâ€effectiveness analysis of hormone replacement therapy and lifestyle intervention for hip fracture. Australian Journal of Public Health, 1994, 18, 153-160.	0.2	47
23	Long-Term Atherosclerotic Vascular Disease Risk and Prognosis in Elderly Women With Abdominal Aortic Calcification on Lateral Spine Images Captured During Bone Density Testing: A Prospective Study. Journal of Bone and Mineral Research, 2018, 33, 1001-1010.	3.1	45
24	Association Between Abdominal Aortic Calcification, Bone Mineral Density, and Fracture in Older Women. Journal of Bone and Mineral Research, 2019, 34, 2052-2060.	3.1	43
25	Sarcopenia Definitions and Their Associations With Mortality in Older Australian Women. Journal of the American Medical Directors Association, 2019, 20, 76-82.e2.	1.2	43
26	Tea and flavonoid intake predict osteoporotic fracture risk in elderly Australian women: a prospective study. American Journal of Clinical Nutrition, 2015, 102, 958-965.	2.2	42
27	Low-level cadmium exposure and cardiovascular outcomes in elderly Australian women: A cohort study. International Journal of Hygiene and Environmental Health, 2018, 221, 347-354.	2.1	42
28	Cruciferous and Allium Vegetable Intakes are Inversely Associated With 15â€Year Atherosclerotic Vascular Disease Deaths in Older Adult Women. Journal of the American Heart Association, 2017, 6, .	1.6	41
29	Ultradistal and cortical forearm bone density in the assessment of postmenopausal bone loss and nonaxial fracture risk. Journal of Bone and Mineral Research, 1989, 4, 149-155.	3.1	40
30	Disentangling the genetics of lean mass. American Journal of Clinical Nutrition, 2019, 109, 276-287.	2.2	38
31	Correlates of intestinal calcium absorption in women 10 years past the menopause. Calcified Tissue International, 1993, 52, 358-360.	1.5	37
32	Oestrogen effects on calcitriol levels in postâ€menopausal women: a comparison of oral versus transdermal administration. Clinical Endocrinology, 1995, 43, 219-224.	1.2	37
33	Nitrate-rich vegetables do not lower blood pressure in individuals with mildly elevated blood pressure: a 4-wk randomized controlled crossover trial. American Journal of Clinical Nutrition, 2018, 107, 894-908.	2.2	34
34	Dietary inflammatory index in relation to sub-clinical atherosclerosis and atherosclerotic vascular disease mortality in older women. British Journal of Nutrition, 2017, 117, 1577-1586.	1.2	33
35	Estimated glomerular filtration rate as an independent predictor of atherosclerotic vascular disease in older women. BMC Nephrology, 2012, 13, 58.	0.8	31
36	Cruciferous and Total Vegetable Intakes Are Inversely Associated With Subclinical Atherosclerosis in Older Adult Women. Journal of the American Heart Association, 2018, 7, .	1.6	31

#	Article	IF	Citations
37	Dietary saturated fat intake and atherosclerotic vascular disease mortality in elderly women: a prospective cohort study. American Journal of Clinical Nutrition, 2015, 101, 1263-1268.	2.2	29
38	Adding Lateral Spine Imaging for Vertebral Fractures to Densitometric Screening: Improving Ascertainment of Patients at High Risk of Incident Osteoporotic Fractures. Journal of Bone and Mineral Research, 2019, 34, 282-289.	3.1	28
39	Vegetable and fruit intake and injurious falls risk in older women: a prospective cohort study. British Journal of Nutrition, 2018, 120, 925-934.	1.2	27
40	Circulating Lipocalin 2 Levels Predict Fracture-Related Hospitalizations in Elderly Women: A Prospective Cohort Study. Journal of Bone and Mineral Research, 2015, 30, 2078-2085.	3.1	26
41	Vitamin D and cancer mortality in elderly women. BMC Cancer, 2015, 15, 106.	1.1	26
42	Dietary nitrate intake is associated with muscle function in older women. Journal of Cachexia, Sarcopenia and Muscle, 2019, 10, 601-610.	2.9	25
43	Identification of IDUA and WNT16 Phosphorylation-Related Non-Synonymous Polymorphisms for Bone Mineral Density in Meta-Analyses of Genome-Wide Association Studies. Journal of Bone and Mineral Research, 2016, 31, 358-368.	3.1	24
44	Rapid, divergent changes in spinal and forearm bone density following short-term intravenous treatment of paget's disease with pamidronate disodium. Journal of Bone and Mineral Research, 1993, 8, 209-217.	3.1	22
45	Identification of a novelFGFRL1MicroRNA target site polymorphism for bone mineral density in meta-analyses of genome-wide association studies. Human Molecular Genetics, 2015, 24, 4710-4727.	1.4	22
46	Dietary plant and animal protein intake and decline in estimated glomerular filtration rate among elderly women: a 10-year longitudinal cohort study. Nephrology Dialysis Transplantation, 2021, 36, 1640-1647.	0.4	22
47	Influence of ARHGEF3 and RHOA Knockdown on ACTA2 and Other Genes in Osteoblasts and Osteoclasts. PLoS ONE, 2014, 9, e98116.	1.1	22
48	Identification of a novel locus on chromosome 2q13, which predisposes to clinical vertebral fractures independently of bone density. Annals of the Rheumatic Diseases, 2018, 77, 378-385.	0.5	21
49	Fracture prevalence in an Australian population. Australian Journal of Public Health, 1993, 17, 124-128.	0.2	20
50	Consensus of Official Position of IOF/ISCD FRAX Initiatives in Asia-Pacific Region. Journal of Clinical Densitometry, 2014, 17, 150-155.	0.5	19
51	Aortic Calcification is Associated with Five-Year Decline in Handgrip Strength in Older Women. Calcified Tissue International, 2018, 103, 589-598.	1.5	18
52	The effects of vitamin K-rich green leafy vegetables on bone metabolism: A 4-week randomised controlled trial in middle-aged and older individuals. Bone Reports, 2020, 12, 100274.	0.2	17
53	The calcium controversy revisited: implications of new data. Medical Journal of Australia, 1993, 159, 404-407.	0.8	16
54	Comparison of Estimated Glomerular Filtration Rate by the Chronic Kidney Disease Epidemiology Collaboration (CKD-EPI) Equations with and without Cystatin C for Predicting Clinical Outcomes in Elderly Women. PLoS ONE, 2014, 9, e106734.	1.1	16

#	Article	IF	Citations
55	A 10-Year Prospective Study of Bone Mineral Density and Bone Turnover in Males and Females With Type 1 Diabetes. Journal of Clinical Endocrinology and Metabolism, 2018, 103, 3531-3539.	1.8	16
56	Journal of Bone and Mineral Research. Journal of Bone and Mineral Research, 1990, 5, S205-S215.	3.1	15
57	Low Vitamin D Status Is Associated With Impaired Bone Quality and Increased Risk of Fracture-Related Hospitalization in Older Australian Women. Journal of Bone and Mineral Research, 2019, 34, 2019-2027.	3.1	15
58	Long-term elevation of 1,25-dihydroxyvitamin D after short-term intravenous administration of pamidronate (aminohydroxypropylidene bisphosphonate, APD) in paget's disease of bone. Journal of Bone and Mineral Research, 1994, 9, 81-85.	3.1	13
59	Abdominal aortic calcification is associated with a higher risk of injurious fall-related hospitalizations in older Australian women. Atherosclerosis, 2021, 328, 153-159.	0.4	13
60	Elevated Circulating Osteoprotegerin and Renal Dysfunction Predict 15-Year Cardiovascular and All-Cause Mortality: A Prospective Study of Elderly Women. PLoS ONE, 2015, 10, e0134266.	1.1	13
61	Association Between Highâ€Sensitivity Cardiac Troponin I and Cardiac Events in Elderly Women. Journal of the American Heart Association, 2017, 6, .	1.6	12
62	Vegetable diversity in relation with subclinical atherosclerosis and 15-year atherosclerotic vascular disease deaths in older adult women. European Journal of Nutrition, 2020, 59, 217-230.	1.8	12
63	Regulation of the 1b Isoform of the Plasma Membrane Calcium Pump by 1,25-Dihydroxyvitamin D3 in Rat Osteoblast-Like Cells. Journal of Bone and Mineral Research, 2001, 16, 525-534.	3.1	11
64	Importance of bone resorption in the determination of bone density in women more than 10 years past the menopause. Journal of Bone and Mineral Research, 1993, 8, 1273-1279.	3.1	10
65	Effects of the Assessment of 4 Determinants of Structural Geometry on QCT- and DXA-Derived Hip Structural Analysis Measurements in Elderly Women. Journal of Clinical Densitometry, 2014, 17, 38-46.	0.5	10
66	Total volume and composition of fluid intake and mortality in older women: a cohort study. BMJ Open, 2017, 7, e011720.	0.8	10
67	Association between vitamin D status and longâ€term fallsâ€related hospitalization risk in older women. Journal of the American Geriatrics Society, 2021, 69, 3114-3123.	1.3	10
68	Alterations in vitamin D metabolites during treatment of paget's disease of bone with calcitonin or etidronate. Journal of Bone and Mineral Research, 1990, 5, 1121-1126.	3.1	9
69	Creatinine to Cystatin C Ratio, a Biomarker of Sarcopenia Measures and Falls Risk in Community-Dwelling Older Women. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2022, 77, 1389-1397.	1.7	9
70	Dietary inflammatory index and the aging kidney in older women: a 10-year prospective cohort study. European Journal of Nutrition, 2020, 59, 3201-3211.	1.8	8
71	Higher Undercarboxylated to Total Osteocalcin Ratio Is Associated With Reduced Physical Function and Increased 15-Year Falls-Related Hospitalizations: The Perth Longitudinal Study of Aging Women. Journal of Bone and Mineral Research, 2020, 36, 523-530.	3.1	8
72	Fruit and vegetable intake is inversely associated with perceived stress across the adult lifespan. Clinical Nutrition, 2021, 40, 2860-2867.	2.3	8

#	Article	IF	Citations
73	Calcium and vitamin D â€“ for whom and when. Menopause International, 2007, 13, 35-37.	1.6	7
74	Modelling in Ecomomic Evaluation: An Unavoidable Fact of Life. , 1997, 6, 217.		7
75	A Predictive Model for Knee Joint Replacement in Older Women. PLoS ONE, 2013, 8, e83665.	1.1	6
76	Cruciferous vegetable intake is inversely associated with extensive abdominal aortic calcification in elderly women: a cross-sectional study. British Journal of Nutrition, 2021, 125, 337-345.	1.2	6
77	Diagnosing osteoporosis: the value of quantitative ultrasound. Medical Journal of Australia, 1999, 171, 295-296.	0.8	5
78	8: Disorders of bone and mineral other than osteoporosis. Medical Journal of Australia, 2004, 180, 354-359.	0.8	5
79	Response to â€œcalcium supplements and cardiovascular riskâ€• Journal of Bone and Mineral Research, 2011, 26, 900-901.	3.1	5
80	Abdominal aortic calcification, bone mineral density and fractures: a systematic review and meta-analysis protocol. BMJ Open, 2019, 9, e026232.	0.8	5
81	Abdominal aortic calcification, cardiac troponin I and atherosclerotic vascular disease mortality in older women. Heart, 2022, 108, 1274-1280.	1.2	5
82	Comparison of the Effect of Denosumab and Alendronate on Bone Mineral Density and Biochemical Markers of Bone Turnover in Postmenopausal Women With Low Bone Mass: A Randomized, Blinded, Phase 3 Trial. Journal of Bone and Mineral Research, 2009, 24, 090212105514065-34.	3.1	4
83	Response to â€œmisclassification does not explain increased cardiovascular risks of calcium supplementsâ€• Journal of Bone and Mineral Research, 2012, 27, 960-961.	3.1	3
84	When should postmenopausal women start taking oestrogen replacement therapy?. Medical Journal of Australia, 1995, 162, 173-174.	0.8	3
85	Dimethyl fumarateâ€“associated transient bone marrow oedema syndrome. Multiple Sclerosis Journal, 2019, 25, 876-879.	1.4	2
86	Serum Midkine, estimated glomerular filtration rate and chronic kidney disease-related events in elderly women: Perth Longitudinal Study of Aging Women. Scientific Reports, 2020, 10, 14499.	1.6	2
87	Effects of Whole Grain Food Consumption in Older Australian Women. Cereal Foods World, 2016, 61, 51-58.	0.7	1
88	Reply to OM Shannon et al. American Journal of Clinical Nutrition, 2018, 108, 1353-1354.	2.2	1
89	Preventing osteoporosis naturally. Medical Journal of Australia, 2001, 175, 239-240.	0.8	0
90	EBM in action. Medical Journal of Australia, 2002, 177, 223-224.	0.8	0

#	Article	IF	Citations
91	RESPONSE LETTER TO DRS. KALOOSTIAN AND SHIL. Journal of the American Geriatrics Society, 2011, 59, 771-772.	1.3	0
92	Study Design for Vitamin D Randomized Clinical Trials. JAMA Internal Medicine, 2015, 175, 1720.	2.6	0
93	The calcium controversy revisited: implications of new data. Medical Journal of Australia, 1994, 160, 163-163.	0.8	0