

B Dawson-Hughes

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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.

101 papers	16,771 citations	54 h-index	115 g-index
115 ext. papers	18,552 ext. citations	6.7 avg, IF	6.38 L-index

#	Paper	IF	Citations
101	Effect of calcium and vitamin D supplementation on bone density in men and women 65 years of age or older. <i>New England Journal of Medicine</i> , 1997 , 337, 670-6	59.2	1759
100	Global vitamin D status and determinants of hypovitaminosis D. <i>Osteoporosis International</i> , 2009 , 20, 1807-20	5.3	1022
99	Fall prevention with supplemental and active forms of vitamin D: a meta-analysis of randomised controlled trials. <i>BMJ, The</i> , 2009 , 339, b3692	5.9	860
98	Serum 25-hydroxyvitamin D status of adolescents and adults in two seasonal subpopulations from NHANES III. <i>Bone</i> , 2002 , 30, 771-7	4.7	663
97	Vitamin D and calcium intake in relation to type 2 diabetes in women. <i>Diabetes Care</i> , 2006 , 29, 650-6	14.6	570
96	IOF position statement: vitamin D recommendations for older adults. <i>Osteoporosis International</i> , 2010 , 21, 1151-4	5.3	498
95	Risk factors for longitudinal bone loss in elderly men and women: the Framingham Osteoporosis Study. <i>Journal of Bone and Mineral Research</i> , 2000 , 15, 710-20	6.3	497
94	The effects of calcium and vitamin D supplementation on blood glucose and markers of inflammation in nondiabetic adults. <i>Diabetes Care</i> , 2007 , 30, 980-6	14.6	477
93	Effect of dietary protein on bone loss in elderly men and women: the Framingham Osteoporosis Study. <i>Journal of Bone and Mineral Research</i> , 2000 , 15, 2504-12	6.3	374
92	Interpretation and use of FRAX in clinical practice. <i>Osteoporosis International</i> , 2011 , 22, 2395-411	5.3	368
91	Effect of vitamin D supplementation on wintertime and overall bone loss in healthy postmenopausal women. <i>Annals of Internal Medicine</i> , 1991 , 115, 505-12	8	351
90	Cost-effective osteoporosis treatment thresholds: the United States perspective. <i>Osteoporosis International</i> , 2008 , 19, 437-47	5.3	332
89	An international comparison of serum 25-hydroxyvitamin D measurements. <i>Osteoporosis International</i> , 1999 , 9, 394-7	5.3	321
88	Implications of absolute fracture risk assessment for osteoporosis practice guidelines in the USA. <i>Osteoporosis International</i> , 2008 , 19, 449-58	5.3	317
87	Effect of vitamin D intake on seasonal variations in parathyroid hormone secretion in postmenopausal women. <i>New England Journal of Medicine</i> , 1989 , 321, 1777-83	59.2	308
86	Seasonal changes in plasma 25-hydroxyvitamin D concentrations of young American black and white women. <i>American Journal of Clinical Nutrition</i> , 1998 , 67, 1232-6	7	307
85	Use of dual-energy x-ray absorptiometry in body-composition studies: not yet a "gold standard". <i>American Journal of Clinical Nutrition</i> , 1993 , 58, 589-91	7	300

84	Calcium plus vitamin D supplementation and risk of fractures: an updated meta-analysis from the National Osteoporosis Foundation. <i>Osteoporosis International</i> , 2016 , 27, 367-76	5.3	286
83	Plasma calcidiol, season, and serum parathyroid hormone concentrations in healthy elderly men and women. <i>American Journal of Clinical Nutrition</i> , 1997 , 65, 67-71	7	264
82	A new approach to the development of assessment guidelines for osteoporosis. <i>Osteoporosis International</i> , 2002 , 13, 527-36	5.3	248
81	Benefit-risk assessment of vitamin D supplementation. <i>Osteoporosis International</i> , 2010 , 21, 1121-32	5.3	246
80	Rates of bone loss in postmenopausal women randomly assigned to one of two dosages of vitamin D. <i>American Journal of Clinical Nutrition</i> , 1995 , 61, 1140-1145	7	220
79	A global representation of vitamin D status in healthy populations. <i>Archives of Osteoporosis</i> , 2012 , 7, 155-72	2.9	217
78	25-Hydroxyvitamin D, dementia, and cerebrovascular pathology in elders receiving home services. <i>Neurology</i> , 2010 , 74, 18-26	6.5	217
77	Vitamin D insufficiency and hyperparathyroidism in a low income, multiracial, elderly population. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2000 , 85, 4125-30	5.6	195
76	Dietary changes favorably affect bone remodeling in older adults. <i>Journal of the American Dietetic Association</i> , 1999 , 99, 1228-33		191
75	Impact of nutrition on muscle mass, strength, and performance in older adults. <i>Osteoporosis International</i> , 2013 , 24, 1555-66	5.3	189
74	Genetic and non-genetic correlates of vitamins K and D. <i>European Journal of Clinical Nutrition</i> , 2009 , 63, 458-64	5.2	160
73	Global dietary calcium intake among adults: a systematic review. <i>Osteoporosis International</i> , 2017 , 28, 3315-3324	5.3	154
72	Comparative performance of current definitions of sarcopenia against the prospective incidence of falls among community-dwelling seniors age 65 and older. <i>Osteoporosis International</i> , 2015 , 26, 2793-802	5.3	146
71	A revised clinician's guide to the prevention and treatment of osteoporosis. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2008 , 93, 2463-5	5.6	143
70	Racial/ethnic considerations in making recommendations for vitamin D for adult and elderly men and women. <i>American Journal of Clinical Nutrition</i> , 2004 , 80, 1763S-6S	7	132
69	Vitamin D is associated with cognitive function in elders receiving home health services. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2009 , 64, 888-95	6.4	125
68	Updated fracture incidence rates for the US version of FRAX. <i>Osteoporosis International</i> , 2010 , 21, 25-33	5.3	123
67	Calcium supplementation and bone loss: a review of controlled clinical trials. <i>American Journal of Clinical Nutrition</i> , 1991 , 54, 274S-280S	7	120

66	Effect of vitamin K supplementation on insulin resistance in older men and women. <i>Diabetes Care</i> , 2008 , 31, 2092-6	14.6	117
65	Algorithm for the management of patients at low, high and very high risk of osteoporotic fractures. <i>Osteoporosis International</i> , 2020 , 31, 1-12	5.3	116
64	Mind the (treatment) gap: a global perspective on current and future strategies for prevention of fragility fractures. <i>Osteoporosis International</i> , 2017 , 28, 1507-1529	5.3	112
63	Severe vitamin D deficiency in Swiss hip fracture patients. <i>Bone</i> , 2008 , 42, 597-602	4.7	110
62	Serum 25-hydroxyvitamin D and functional outcomes in the elderly. <i>American Journal of Clinical Nutrition</i> , 2008 , 88, 537S-540S	7	105
61	Plasma 25-hydroxyvitamin D and progression to diabetes in patients at risk for diabetes: an ancillary analysis in the Diabetes Prevention Program. <i>Diabetes Care</i> , 2012 , 35, 565-73	14.6	103
60	Consensus statement from 2 International Conference on Controversies in Vitamin D. <i>Reviews in Endocrine and Metabolic Disorders</i> , 2020 , 21, 89-116	10.5	97
59	Body size and serum 25 hydroxy vitamin D response to oral supplements in healthy older adults. <i>Journal of the American College of Nutrition</i> , 2008 , 27, 274-9	3.5	97
58	Treatment with potassium bicarbonate lowers calcium excretion and bone resorption in older men and women. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2009 , 94, 96-102	5.6	96
57	Dietary calcium intake and bone loss from the spine in healthy postmenopausal women. <i>American Journal of Clinical Nutrition</i> , 1987 , 46, 685-7	7	89
56	Effect of dietary protein supplements on calcium excretion in healthy older men and women. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2004 , 89, 1169-73	5.6	87
55	The potential impact of new National Osteoporosis Foundation guidance on treatment patterns. <i>Osteoporosis International</i> , 2010 , 21, 41-52	5.3	84
54	The potential impact of the National Osteoporosis Foundation guidance on treatment eligibility in the USA: an update in NHANES 2005-2008. <i>Osteoporosis International</i> , 2012 , 23, 811-20	5.3	78
53	The effects of a FRAX revision for the USA. <i>Osteoporosis International</i> , 2010 , 21, 35-40	5.3	78
52	Calcium retention and hormone levels in black and white women on high- and low-calcium diets. <i>Journal of Bone and Mineral Research</i> , 1993 , 8, 779-87	6.3	71
51	The impact of the new National Bone Health Alliance (NBHA) diagnostic criteria on the prevalence of osteoporosis in the USA. <i>Osteoporosis International</i> , 2017 , 28, 1225-1232	5.3	64
50	Comparative effects of oral aromatic and branched-chain amino acids on urine calcium excretion in humans. <i>Osteoporosis International</i> , 2007 , 18, 955-61	5.3	61
49	Effect of radiographic abnormalities on rate of bone loss from the spine. <i>Calcified Tissue International</i> , 1990 , 46, 280-1	3.9	58

48	Vitamin D and muscle function. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2017 , 173, 313-316.	5.1	54
47	Secondary hyperparathyroidism and bone turnover in elderly blacks and whites. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2001 , 86, 3801-4	5.6	53
46	The association of oral contraceptive use with plasma 25-hydroxyvitamin D levels. <i>Journal of the American College of Nutrition</i> , 1998 , 17, 282-4	3.5	53
45	Controversies in Vitamin D: A Statement From the Third International Conference. <i>JBMR Plus</i> , 2020 , 4, e10417	3.9	51
44	Rates of bone loss in postmenopausal women randomly assigned to one of two dosages of vitamin D. <i>American Journal of Clinical Nutrition</i> , 1995 , 61, 1140-5	7	47
43	Serum 25-hydroxyvitamin D and muscle atrophy in the elderly. <i>Proceedings of the Nutrition Society</i> , 2012 , 71, 46-9	2.9	43
42	Regional changes in body composition by time of year in healthy postmenopausal women. <i>American Journal of Clinical Nutrition</i> , 1992 , 56, 307-13	7	43
41	Effect of lowering dietary calcium intake on fractional whole body calcium retention. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1988 , 67, 62-8	5.6	43
40	Impact of supplementation with bicarbonate on lower-extremity muscle performance in older men and women. <i>Osteoporosis International</i> , 2010 , 21, 1171-9	5.3	37
39	Thiazides and seasonal bone change in healthy postmenopausal women. <i>Bone and Mineral</i> , 1993 , 21, 41-51		37
38	Potassium Bicarbonate Supplementation Lowers Bone Turnover and Calcium Excretion in Older Men and Women: A Randomized Dose-Finding Trial. <i>Journal of Bone and Mineral Research</i> , 2015 , 30, 2103-11	6.3	34
37	Calcium absorption responses to calcitriol in black and white premenopausal women. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1995 , 80, 3068-3072	5.6	33
36	Considerations concerning the definition of sarcopenia. <i>Osteoporosis International</i> , 2016 , 27, 3139-3144	5.3	32
35	Calcium absorption responses to calcitriol in black and white premenopausal women. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1995 , 80, 3068-72	5.6	32
34	Life-course approach to nutrition. <i>Osteoporosis International</i> , 2015 , 26, 2723-42	5.3	31
33	Therapy of osteoporosis with calcium and vitamin D. <i>Journal of Bone and Mineral Research</i> , 2007 , 22 Suppl 2, V59-63	6.3	30
32	Calcium and protein in bone health. <i>Proceedings of the Nutrition Society</i> , 2003 , 62, 505-9	2.9	30
31	Correction of the effects of source, source strength, and soft-tissue thickness on spine dual-photon absorptiometry measurements. <i>Calcified Tissue International</i> , 1989 , 44, 251-7	3.9	29

30	Additive benefit of higher testosterone levels and vitamin D plus calcium supplementation in regard to fall risk reduction among older men and women. <i>Osteoporosis International</i> , 2008 , 19, 1307-14	5.3	28
29	Response to teriparatide in patients with baseline 25-hydroxyvitamin D insufficiency or sufficiency. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2007 , 92, 4630-6	5.6	26
28	Calcium insufficiency and fracture risk. <i>Osteoporosis International</i> , 1996 , 6 Suppl 3, 37-41	5.3	23
27	Plasma 25-hydroxyvitamin D and risk of metabolic syndrome: an ancillary analysis in the Diabetes Prevention Program. <i>European Journal of Clinical Nutrition</i> , 2014 , 68, 376-83	5.2	21
26	Hip fracture risk in older US adults by treatment eligibility status based on new National Osteoporosis Foundation guidance. <i>Osteoporosis International</i> , 2011 , 22, 541-9	5.3	21
25	Calcium supplement and bone medication use in a US Medicare health maintenance organization. <i>Osteoporosis International</i> , 2002 , 13, 657-62	5.3	20
24	Before and after hip fracture, vitamin D deficiency may not be treated sufficiently. <i>Osteoporosis International</i> , 2013 , 24, 2765-73	5.3	19
23	Association between 25-Hydroxyvitamin D Status and Components of Body Composition and Glucose Metabolism in Older Men and Women. <i>Nutrients</i> , 2018 , 10,	6.7	17
22	Gender-specific association between dietary acid load and total lean body mass and its dependency on protein intake in seniors. <i>Osteoporosis International</i> , 2017 , 28, 3451-3462	5.3	15
21	What is the optimal dietary intake of vitamin D for reducing fracture risk?. <i>Calcified Tissue International</i> , 2013 , 92, 184-90	3.9	15
20	Serum ionized calcium, as well as phosphorus and parathyroid hormone, is associated with the plasma 1,25-dihydroxyvitamin D3 concentration in normal postmenopausal women. <i>Journal of Bone and Mineral Research</i> , 1991 , 6, 461-8	6.3	14
19	Risk factors for bone loss in healthy postmenopausal women. <i>Osteoporosis International</i> , 1993 , 3 Suppl 1, 27-31	5.3	14
18	Effects of a simple home exercise program and vitamin D supplementation on health-related quality of life after a hip fracture: a randomized controlled trial. <i>Quality of Life Research</i> , 2019 , 28, 1377-1386	3.7	10
17	Issues of trial selection and subgroup considerations in the recent meta-analysis of Zhao and colleagues on fracture reduction by calcium and vitamin D supplementation in community-dwelling older adults. <i>Osteoporosis International</i> , 2018 , 29, 2151-2152	5.3	9
16	Calcium supplement and osteoporosis medication use in women and men with recent fractures. <i>Osteoporosis International</i> , 2004 , 15, 689-94	5.3	9
15	Food groups associated with measured net acid excretion in community-dwelling older adults. <i>European Journal of Clinical Nutrition</i> , 2017 , 71, 420-424	5.2	7
14	Correction of vitamin D insufficiency with combined strontium ranelate and vitamin D3 in osteoporotic patients. <i>European Journal of Endocrinology</i> , 2014 , 170, 441-50	6.5	7
13	Bone material strength in normoglycemic and hyperglycemic black and white older adults. <i>Osteoporosis International</i> , 2019 , 30, 2429-2435	5.3	6

12	Increasing alkali supplementation decreases urinary nitrogen excretion when adjusted for same day nitrogen intake. <i>Osteoporosis International</i> , 2017 , 28, 3355-3359	5.3	5
11	Vitamin D: Bolus Is Bogus-A Narrative Review.. <i>JBMR Plus</i> , 2021 , 5, e10567	3.9	5
10	Considerations concerning the definition of sarcopenia: response to comments. <i>Osteoporosis International</i> , 2016 , 27, 3147-3148	5.3	3
9	Re: Errors in the NOF meta-analysis of calcium and vitamin D supplements. <i>Osteoporosis International</i> , 2016 , 27, 2641-2	5.3	3
8	A global representation of vitamin D status in healthy populations: reply to comment by Saadi. <i>Archives of Osteoporosis</i> , 2013 , 8, 122	2.9	3
7	Acid-base balance of the diet-implications for bone and muscle. <i>European Journal of Clinical Nutrition</i> , 2020 , 74, 7-13	5.2	3
6	Cross-Calibration of Prodigy and Horizon A Densitometers and Precision of the Horizon A Densitometer. <i>Journal of Clinical Densitometry</i> , 2021 , 24, 474-480	3.5	2
5	Response to Fenton and Fenton: evidence does not support the alkaline diet. <i>Osteoporosis International</i> , 2016 , 27, 2389-2390	5.3	1
4	Pilot Study Examining the Influence of Potassium Bicarbonate Supplementation on Nitrogen Balance and Whole-Body Ammonia and Urea Turnover Following Short-Term Energy Restriction in Older Men. <i>Nutrients</i> , 2018 , 10,	6.7	1
3	Update of the fracture risk prediction tool FRAX: a systematic review of potential cohorts and analysis plan. <i>Osteoporosis International</i> ,	5.3	0
2	Conclusions stand firm with additional data. <i>Osteoporosis International</i> , 2017 , 28, 1753-1754	5.3	
1	RE: Leslie WD & Shepherd JA. <i>Journal of Clinical Densitometry</i> , 2021 , 24, 504	3.5	