B Dawson-Hughes

List of Publications by Year
in descending order

107 papers	20,426 citations	27035 58 h-index	26792 111 g-index
115 all docs	115 docs citations	115 times ranked	15427 citing authors

#	Article	IF	Citations
1	Effect of Calcium and Vitamin D Supplementation on Bone Density in Men and Women 65 Years of Age or Older. New England Journal of Medicine, 1997, 337, 670-676.	13.9	2,094
2	Estimates of optimal vitamin D status. Osteoporosis International, 2005, 16, 713-716.	1.3	1,592
3	Global vitamin D status and determinants of hypovitaminosis D. Osteoporosis International, 2009, 20, 1807-1820.	1.3	1,255
4	Fall prevention with supplemental and active forms of vitamin D: a meta-analysis of randomised controlled trials. BMJ: British Medical Journal, 2009, 339, b3692-b3692.	2.4	1,055
5	Serum 25-hydroxyvitamin D status of adolescents and adults in two seasonal subpopulations from NHANES III. Bone, 2002, 30, 771-777.	1.4	721
6	Vitamin D and Calcium Intake in Relation to Type 2 Diabetes in Women. Diabetes Care, 2006, 29, 650-656.	4.3	681
7	IOF position statement: vitamin D recommendations for older adults. Osteoporosis International, 2010, 21, 1151-1154.	1.3	634
8	Risk Factors for Longitudinal Bone Loss in Elderly Men and Women: The Framingham Osteoporosis Study. Journal of Bone and Mineral Research, 2010, 15, 710-720.	3.1	620
9	The Effects of Calcium and Vitamin D Supplementation on Blood Glucose and Markers of Inflammation in Nondiabetic Adults. Diabetes Care, 2007, 30, 980-986.	4.3	567
10	Interpretation and use of FRAX in clinical practice. Osteoporosis International, 2011, 22, 2395-2411.	1.3	450
11	Effect of Dietary Protein on Bone Loss in Elderly Men and Women: The Framingham Osteoporosis Study. Journal of Bone and Mineral Research, 2000, 15, 2504-2512.	3.1	446
12	Effect of Vitamin D Supplementation on Wintertime and Overall Bone Loss in Healthy Postmenopausal Women. Annals of Internal Medicine, 1991, 115, 505-512.	2.0	439
13	Calcium plus vitamin D supplementation and risk of fractures: an updated meta-analysis from the National Osteoporosis Foundation. Osteoporosis International, 2016, 27, 367-376.	1.3	411
14	Cost-effective osteoporosis treatment thresholds: the United States perspective. Osteoporosis International, 2008, 19, 437-447.	1.3	391
15	Implications of absolute fracture risk assessment for osteoporosis practice guidelines in the USA. Osteoporosis International, 2008, 19, 449-458.	1.3	377
16	An International Comparison of Serum 25-Hydroxyvitamin D Measurements. Osteoporosis International, 1999, 9, 394-397.	1.3	355
17	Effect of Vitamin D Intake on Seasonal Variations in Parathyroid Hormone Secretion in Postmenopausal Women. New England Journal of Medicine, 1989, 321, 1777-1783.	13.9	349
18	Seasonal changes in plasma 25-hydroxyvitamin D concentrations of young American black and white women. American Journal of Clinical Nutrition, 1998, 67, 1232-1236.	2.2	337

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19	Use of dual-energy x-ray absorptiometry in body-composition studies: not yet a â€œgold standardâ€• American Journal of Clinical Nutrition, 1993, 58, 589-591.	2.2	332
20	Plasma calcidiol, season, and serum parathyroid hormone concentrations in healthy elderly men and women. American Journal of Clinical Nutrition, 1997, 65, 67-71.	2.2	307
21	Benefitâ€“risk assessment of vitamin D supplementation. Osteoporosis International, 2010, 21, 1121-1132.	1.3	297
22	A New Approach to the Development of Assessment Guidelines for Osteoporosis. Osteoporosis International, 2002, 13, 527-536.	1.3	294
23	25-Hydroxyvitamin D, dementia, and cerebrovascular pathology in elders receiving home services. Neurology, 2010, 74, 18-26.	1.5	273
24	A global representation of vitamin D status in healthy populations. Archives of Osteoporosis, 2012, 7, 155-172.	1.0	260
25	Global dietary calcium intake among adults: a systematic review. Osteoporosis International, 2017, 28, 3315-3324.	1.3	249
26	Rates of bone loss in postmenopausal women randomly assigned to one of two dosages of vitamin D. American Journal of Clinical Nutrition, 1995, 61, 1140-1145.	2.2	239
27	Impact of nutrition on muscle mass, strength, and performance in older adults. Osteoporosis International, 2013, 24, 1555-1566.	1.3	236
28	Algorithm for the management of patients at low, high and very high risk of osteoporotic fractures. Osteoporosis International, 2020, 31, 1-12.	1.3	220
29	Vitamin D Insufficiency and Hyperparathyroidism in a Low Income, Multiracial, Elderly Population1. Journal of Clinical Endocrinology and Metabolism, 2000, 85, 4125-4130.	1.8	219
30	Dietary Changes Favorably Affect Bone Remodeling in Older Adults. Journal of the American Dietetic Association, 1999, 99, 1228-1233.	1.3	213
31	Comparative performance of current definitions of sarcopenia against the prospective incidence of falls among community-dwelling seniors age 65 and older. Osteoporosis International, 2015, 26, 2793-2802.	1.3	207
32	Genetic and non-genetic correlates of vitamins K and D. European Journal of Clinical Nutrition, 2009, 63, 458-464.	1.3	187
33	Consensus statement from 2nd International Conference on Controversies in Vitamin D. Reviews in Endocrine and Metabolic Disorders, 2020, 21, 89-116.	2.6	182
34	A Revised Clinicianâ€™s Guide to the Prevention and Treatment of Osteoporosis. Journal of Clinical Endocrinology and Metabolism, 2008, 93, 2463-2465.	1.8	163
35	Mind the (treatment) gap: a global perspective on current and future strategies for prevention of fragility fractures. Osteoporosis International, 2017, 28, 1507-1529.	1.3	160
36	Vitamin D Is Associated With Cognitive Function in Elders Receiving Home Health Services. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2009, 64A, 888-895.	1.7	159

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37	Racial/ethnic considerations in making recommendations for vitamin D for adult and elderly men and women. American Journal of Clinical Nutrition, 2004, 80, 1763S-1766S.	2.2	153
38	Effect of Vitamin K Supplementation on Insulin Resistance in Older Men and Women. Diabetes Care, 2008, 31, 2092-2096.	4.3	145
39	Updated fracture incidence rates for the US version of FRAXÂ®. Osteoporosis International, 2010, 21, 25-33.	1.3	144
40	Calcium supplementation and bone loss: a review of controlled clinical trials. American Journal of Clinical Nutrition, 1991, 54, 274S-280S.	2.2	139
41	Severe vitamin D deficiency in Swiss hip fracture patients. Bone, 2008, 42, 597-602.	1.4	135
42	Plasma 25-Hydroxyvitamin D and Progression to Diabetes in Patients at Risk for Diabetes. Diabetes Care, 2012, 35, 565-573.	4.3	130
43	Serum 25-hydroxyvitamin D and functional outcomes in the elderly. American Journal of Clinical Nutrition, 2008, 88, 537S-540S.	2.2	121
44	Controversies in Vitamin D: A Statement From the Third International Conference. JBMR Plus, 2020, 4, e10417.	1.3	118
45	Treatment with Potassium Bicarbonate Lowers Calcium Excretion and Bone Resorption in Older Men and Women. Journal of Clinical Endocrinology and Metabolism, 2009, 94, 96-102.	1.8	115
46	Body Size and Serum 25 Hydroxy Vitamin D Response to Oral Supplements in Healthy Older Adults. Journal of the American College of Nutrition, 2008, 27, 274-279.	1.1	107
47	Effect of Dietary Protein Supplements on Calcium Excretion in Healthy Older Men and Women. Journal of Clinical Endocrinology and Metabolism, 2004, 89, 1169-1173.	1.8	105
48	Dietary calcium intake and bone loss from the spine in healthy postmenopausal women. American Journal of Clinical Nutrition, 1987, 46, 685-687.	2.2	101
49	The potential impact of new National Osteoporosis Foundation guidance on treatment patterns. Osteoporosis International, 2010, 21, 41-52.	1.3	98
50	The impact of the new National Bone Health Alliance (NBHA) diagnostic criteria on the prevalence of osteoporosis in the USA. Osteoporosis International, 2017, 28, 1225-1232.	1.3	92
51	The effects of a FRAXÂ® revision for the USA. Osteoporosis International, 2010, 21, 35-40.	1.3	89
52	Calcium retention and hormone levels in black and white women on high- and low-calcium diets. Journal of Bone and Mineral Research, 1993, 8, 779-787.	3.1	85
53	The potential impact of the National Osteoporosis Foundation guidance on treatment eligibility in the USA: an update in NHANES 2005â€“2008. Osteoporosis International, 2012, 23, 811-820.	1.3	83
54	Vitamin D and muscle function. Journal of Steroid Biochemistry and Molecular Biology, 2017, 173, 313-316.	1.2	80

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55	Comparative effects of oral aromatic and branched-chain amino acids on urine calcium excretion in humans. Osteoporosis International, 2007, 18, 955-961.	1.3	75
56	The Association of Oral Contraceptive Use with Plasma 25-hydroxyvitamin D Levels. Journal of the American College of Nutrition, 1998, 17, 282-284.	1.1	67
57	Effect of radiographic abnormalities on rate of bone loss from the spine. Calcified Tissue International, 1990, 46, 280-281.	1.5	62
58	Secondary Hyperparathyroidism and Bone Turnover in Elderly Blacks and Whites. Journal of Clinical Endocrinology and Metabolism, 2001, 86, 3801-3804.	1.8	62
59	Effect of Lowering Dietary Calcium Intake on Fractional Whole Body Calcium Retention*. Journal of Clinical Endocrinology and Metabolism, 1988, 67, 62-68.	1.8	52
60	Regional changes in body composition by time of year in healthy postmenopausal women. American Journal of Clinical Nutrition, 1992, 56, 307-313.	2.2	52
61	Serum 25-hydroxyvitamin D and muscle atrophy in the elderly. Proceedings of the Nutrition Society, 2012, 71, 46-49.	0.4	51
62	Life-course approach to nutrition. Osteoporosis International, 2015, 26, 2723-2742.	1.3	51
63	Rates of bone loss in postmenopausal women randomly assigned to one of two dosages of vitamin D. American Journal of Clinical Nutrition, 1995, 61, 1140-5.	2.2	51
64	Vitamin D: Bolus Is Bogusâ€"A Narrative Review. JBMR Plus, 2021, 5, e10567.	1.3	45
65	Impact of supplementation with bicarbonate on lower-extremity muscle performance in older men and women. Osteoporosis International, 2010, 21, 1171-1179.	1.3	44
66	Potassium Bicarbonate Supplementation Lowers Bone Turnover and Calcium Excretion in Older Men and Women: A Randomized Dose-Finding Trial. Journal of Bone and Mineral Research, 2015, 30, 2103-2111.	3.1	41
67	Calcium absorption responses to calcitriol in black and white premenopausal women.. Journal of Clinical Endocrinology and Metabolism, 1995, 80, 3068-3072.	1.8	40
68	Calcium and protein in bone health. Proceedings of the Nutrition Society, 2003, 62, 505-509.	0.4	40
69	Thiazides and seasonal bone change in healthy postmenopausal women. Bone and Mineral, 1993, 21, 41-51.	2.0	39
70	Considerations concerning the definition of sarcopenia. Osteoporosis International, 2016, 27, 3139-3144.	1.3	38
71	Therapy of Osteoporosis With Calcium and Vitamin D. Journal of Bone and Mineral Research, 2007, 22, V59-V63.	3.1	37
72	Calcium absorption responses to calcitriol in black and white premenopausal women. Journal of Clinical Endocrinology and Metabolism, 1995, 80, 3068-3072.	1.8	37

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73	Update of the fracture risk prediction tool FRAX: a systematic review of potential cohorts and analysis plan. Osteoporosis International, 2022, 33, 2103-2136.	1.3	33
74	Correction of the effects of source, source strength, and soft-tissue thickness on spine dual-photon absorptiometry measurements. Calcified Tissue International, 1989, 44, 251-257.	1.5	31
75	Additive benefit of higher testosterone levels and vitamin D plus calcium supplementation in regard to fall risk reduction among older men and women. Osteoporosis International, 2008, 19, 1307-1314.	1.3	31
76	Plasma 25-hydroxyvitamin D and risk of metabolic syndrome: an ancillary analysis in the Diabetes Prevention Program. European Journal of Clinical Nutrition, 2014, 68, 376-383.	1.3	27
77	Calcium insufficiency and fracture risk. Osteoporosis International, 1996, 6, 37-41.	1.3	26
78	Response to Teriparatide in Patients with Baseline 25-Hydroxyvitamin D Insufficiency or Sufficiency. Journal of Clinical Endocrinology and Metabolism, 2007, 92, 4630-4636.	1.8	26
79	Gender-specific association between dietary acid load and total lean body mass and its dependency on protein intake in seniors. Osteoporosis International, 2017, 28, 3451-3462.	1.3	26
80	Hip fracture risk in older US adults by treatment eligibility status based on new National Osteoporosis Foundation guidance. Osteoporosis International, 2011, 22, 541-549.	1.3	23
81	Calcium Supplement and Bone Medication Use in a US Medicare Health Maintenance Organization. Osteoporosis International, 2002, 13, 657-662.	1.3	21
82	Risk factors for bone loss in healthy postmenopausal women. Osteoporosis International, 1993, 3, 27-31.	1.3	19
83	Before and after hip fracture, vitamin D deficiency may not be treated sufficiently. Osteoporosis International, 2013, 24, 2765-2773.	1.3	19
84	Association between 25-Hydroxyvitamin D Status and Components of Body Composition and Glucose Metabolism in Older Men and Women. Nutrients, 2018, 10, 1826.	1.7	19
85	Serum ionized calcium, as well as phosphorus and parathyroid hormone, is associated with the plasma 1,25-dihydroxyvitamin D3 concentration in normal postmenopausal women. Journal of Bone and Mineral Research, 1991, 6, 461-468.	3.1	17
86	What is the Optimal Dietary Intake of Vitamin D for Reducing Fracture Risk?. Calcified Tissue International, 2013, 92, 184-190.	1.5	15
87	Bone material strength in normoglycemic and hyperglycemic black and white older adults. Osteoporosis International, 2019, 30, 2429-2435.	1.3	15
88	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. Osteoporosis International, 2018, 29, 2151-2152.	1.3	12
89	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. Quality of Life Research, 2019, 28, 1377-1386.	1.5	12
90	FRAX and ethnicity. Osteoporosis International, 2020, 31, 2063-2067.	1.3	12

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91	Cross-Calibration of Prodigy and Horizon A Densitometers and Precision of the Horizon A Densitometer. Journal of Clinical Densitometry, 2021, 24, 474-480.	0.5	12
92	Calcium supplement and osteoporosis medication use in women and men with recent fractures. Osteoporosis International, 2004, 15, 689-94.	1.3	10
93	Acidâ€“base balance of the dietâ€”implications for bone and muscle. European Journal of Clinical Nutrition, 2020, 74, 7-13.	1.3	9
94	Intra-trial Mean 25(OH)D and PTH Levels and Risk of Falling in Older Men and Women in the Boston STOP IT Trial. Journal of Clinical Endocrinology and Metabolism, 2022, 107, e1932-e1937.	1.8	9
95	Correction of vitamin D insufficiency with combined strontium ranelate and vitamin D3 in osteoporotic patients. European Journal of Endocrinology, 2014, 170, 441-450.	1.9	8
96	Food groups associated with measured net acid excretion in community-dwelling older adults. European Journal of Clinical Nutrition, 2017, 71, 420-424.	1.3	8
97	Considerations concerning the definition of sarcopenia: response to comments. Osteoporosis International, 2016, 27, 3147-3148.	1.3	6
98	Increasing alkali supplementation decreases urinary nitrogen excretion when adjusted for same day nitrogen intake. Osteoporosis International, 2017, 28, 3355-3359.	1.3	6
99	A global representation of vitamin D status in healthy populations: reply to comment by Saadi. Archives of Osteoporosis, 2013, 8, 122.	1.0	3
100	Re: Errors in the NOF meta-analysis of calcium and vitamin D supplements. Osteoporosis International, 2016, 27, 2641-2642.	1.3	3
101	Role of Vitamin D in COVID-19: Active or Passive?. Journal of Clinical Endocrinology and Metabolism, 2021, 106, e5260-e5261.	1.8	3
102	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. Nutrients, 2018, 10, 624.	1.7	2
103	Response to Fenton and Fenton: evidence does not support the alkaline diet. Osteoporosis International, 2016, 27, 2389-2390.	1.3	1
104	Conclusions stand firm with additional data. Osteoporosis International, 2017, 28, 1753-1754.	1.3	0
105	In memory of Harry K Genant. Osteoporosis International, 2021, 32, 607-608.	1.3	0
106	RE: Leslie WD & Shepherd JA. Journal of Clinical Densitometry, 2021, 24, 504.	0.5	0
107	A Randomized Study on the Effect of Dried Fruit on Acid-Base Balance, Diet Quality, and Markers of Musculoskeletal Health in Community Dwelling Adults. , 0, , 1-8.		0