

Douglas P Kiel

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.

393
papers

34,758
citations

97
h-index

174
g-index

421
ext. papers

40,466
ext. citations

7.6
avg, IF

6.8
L-index

#	Paper	IF	Citations
393	Common genetic determinants of vitamin D insufficiency: a genome-wide association study. <i>Lancet, The</i> , 2010 , 376, 180-8	40	1183
392	The FNIH sarcopenia project: rationale, study description, conference recommendations, and final estimates. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2014 , 69, 547-58	6.4	1125
391	Genome-wide meta-analysis identifies 56 bone mineral density loci and reveals 14 loci associated with risk of fracture. <i>Nature Genetics</i> , 2012 , 44, 491-501	36.3	866
390	A randomized trial of nasal spray salmon calcitonin in postmenopausal women with established osteoporosis: the prevent recurrence of osteoporotic fractures study. PROOF Study Group. <i>American Journal of Medicine</i> , 2000 , 109, 267-76	2.4	859
389	Hip fracture and the use of estrogens in postmenopausal women. The Framingham Study. <i>New England Journal of Medicine</i> , 1987 , 317, 1169-74	59.2	665
388	Twenty bone-mineral-density loci identified by large-scale meta-analysis of genome-wide association studies. <i>Nature Genetics</i> , 2009 , 41, 1199-206	36.3	566
387	DNA methylation-based measures of biological age: meta-analysis predicting time to death. <i>Aging</i> , 2016 , 8, 1844-1865	5.6	531
386	Prevention of nonvertebral fractures with oral vitamin D and dose dependency: a meta-analysis of randomized controlled trials. <i>Archives of Internal Medicine</i> , 2009 , 169, 551-61		526
385	Potassium, magnesium, and fruit and vegetable intakes are associated with greater bone mineral density in elderly men and women. <i>American Journal of Clinical Nutrition</i> , 1999 , 69, 727-36	7	510
384	The effect of postmenopausal estrogen therapy on bone density in elderly women. <i>New England Journal of Medicine</i> , 1993 , 329, 1141-6	59.2	499
383	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
382	Homocysteine as a predictive factor for hip fracture in older persons. <i>New England Journal of Medicine</i> , 2004 , 350, 2042-9	59.2	482
381	Abdominal aortic calcific deposits are an important predictor of vascular morbidity and mortality. <i>Circulation</i> , 2001 , 103, 1529-34	16.7	465
380	Epigenetic Signatures of Cigarette Smoking. <i>Circulation: Cardiovascular Genetics</i> , 2016 , 9, 436-447		442
379	Parent-of-origin-specific allelic associations among 106 genomic loci for age at menarche. <i>Nature</i> , 2014 , 514, 92-97	50.4	401
378	Comparison of the effect of denosumab and alendronate on BMD and biochemical markers of bone turnover in postmenopausal women with low bone mass: a randomized, blinded, phase 3 trial. <i>Journal of Bone and Mineral Research</i> , 2009 , 24, 153-61	6.3	399
377	New indices to classify location, severity and progression of calcific lesions in the abdominal aorta: a 25-year follow-up study. <i>Atherosclerosis</i> , 1997 , 132, 245-50	3.1	394

376	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
375	Thirty new loci for age at menarche identified by a meta-analysis of genome-wide association studies. <i>Nature Genetics</i> , 2010 , 42, 1077-85	36.3	372
374	Chronic musculoskeletal pain and the occurrence of falls in an older population. <i>JAMA - Journal of the American Medical Association</i> , 2009 , 302, 2214-21	27.4	338
373	Competing risk of death: an important consideration in studies of older adults. <i>Journal of the American Geriatrics Society</i> , 2010 , 58, 783-7	5.6	333
372	A higher dose of vitamin d reduces the risk of falls in nursing home residents: a randomized, multiple-dose study. <i>Journal of the American Geriatrics Society</i> , 2007 , 55, 234-9	5.6	326
371	Whole-genome sequencing identifies EN1 as a determinant of bone density and fracture. <i>Nature</i> , 2015 , 526, 112-7	50.4	308
370	Grip strength cutpoints for the identification of clinically relevant weakness. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2014 , 69, 559-66	6.4	300
369	Dietary vitamin K intakes are associated with hip fracture but not with bone mineral density in elderly men and women. <i>American Journal of Clinical Nutrition</i> , 2000 , 71, 1201-8	7	296
368	Criteria for clinically relevant weakness and low lean mass and their longitudinal association with incident mobility impairment and mortality: the foundation for the National Institutes of Health (FNIH) sarcopenia project. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2014 , 69, 576-83	6.4	278
367	An atlas of genetic influences on osteoporosis in humans and mice. <i>Nature Genetics</i> , 2019 , 51, 258-266	36.3	270
366	Sequencing of 53,831 diverse genomes from the NHLBI TOPMed Program. <i>Nature</i> , 2021 , 590, 290-299	50.4	268
365	Fall direction, bone mineral density, and function: risk factors for hip fracture in frail nursing home elderly. <i>American Journal of Medicine</i> , 1998 , 104, 539-45	2.4	261
364	Bone mass and the risk of breast cancer among postmenopausal women. <i>New England Journal of Medicine</i> , 1997 , 336, 611-7	59.2	255
363	An evidence-based comparison of operational criteria for the presence of sarcopenia. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2014 , 69, 584-90	6.4	250
362	Calcium intake and hip fracture risk in men and women: a meta-analysis of prospective cohort studies and randomized controlled trials. <i>American Journal of Clinical Nutrition</i> , 2007 , 86, 1780-90	7	247
361	Meta-analyses identify 13 loci associated with age at menopause and highlight DNA repair and immune pathways. <i>Nature Genetics</i> , 2012 , 44, 260-8	36.3	243
360	Dietary silicon intake is positively associated with bone mineral density in men and premenopausal women of the Framingham Offspring cohort. <i>Journal of Bone and Mineral Research</i> , 2004 , 19, 297-307	6.3	241
359	Genetic variation near IRS1 associates with reduced adiposity and an impaired metabolic profile. <i>Nature Genetics</i> , 2011 , 43, 753-60	36.3	237

358	Inverse association between cancer and Alzheimer disease: results from the Framingham Heart Study. <i>BMJ, The</i> , 2012 , 344, e1442	5.9	237
357	Cutpoints for low appendicular lean mass that identify older adults with clinically significant weakness. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2014 , 69, 567-75	6.4	227
356	Meta-analysis of genome-wide association data identifies two loci influencing age at menarche. <i>Nature Genetics</i> , 2009 , 41, 648-50	36.3	223
355	Bone mineral density and dietary patterns in older adults: the Framingham Osteoporosis Study. <i>American Journal of Clinical Nutrition</i> , 2002 , 76, 245-52	7	221
354	Collaborative meta-analysis: associations of 150 candidate genes with osteoporosis and osteoporotic fracture. <i>Annals of Internal Medicine</i> , 2009 , 151, 528-37	8	215
353	Large-scale analysis of association between LRP5 and LRP6 variants and osteoporosis. <i>JAMA - Journal of the American Medical Association</i> , 2008 , 299, 1277-90	27.4	204
352	Dietary silicon intake and absorption. <i>American Journal of Clinical Nutrition</i> , 2002 , 75, 887-93	7	203
351	Genome-wide association with bone mass and geometry in the Framingham Heart Study. <i>BMC Medical Genetics</i> , 2007 , 8 Suppl 1, S14	2.1	200
350	Alcohol intake and bone mineral density in elderly men and women. The Framingham Study. <i>American Journal of Epidemiology</i> , 1995 , 142, 485-92	3.8	200
349	Association between insulin-like growth factor I and bone mineral density in older women and men: the Framingham Heart Study. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1998 , 83, 4257-62	5.6	197
348	Plasma total cholesterol level as a risk factor for Alzheimer disease: the Framingham Study. <i>Archives of Internal Medicine</i> , 2003 , 163, 1053-7		192
347	Alcohol consumption and hip fractures: the Framingham Study. <i>American Journal of Epidemiology</i> , 1988 , 128, 1102-10	3.8	190
346	Impaired vision and hip fracture. The Framingham Study. <i>Journal of the American Geriatrics Society</i> , 1989 , 37, 495-500	5.6	189
345	GWAS of longevity in CHARGE consortium confirms APOE and FOXO3 candidacy. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2015 , 70, 110-8	6.4	188
344	New loci for body fat percentage reveal link between adiposity and cardiometabolic disease risk. <i>Nature Communications</i> , 2016 , 7, 10495	17.4	180
343	Dietary calcium and serum 25-hydroxyvitamin D status in relation to BMD among U.S. adults. <i>Journal of Bone and Mineral Research</i> , 2009 , 24, 935-42	6.3	179
342	Vitamin K intake and bone mineral density in women and men. <i>American Journal of Clinical Nutrition</i> , 2003 , 77, 512-6	7	176
341	Genome-wide association study in 79,366 European-ancestry individuals informs the genetic architecture of 25-hydroxyvitamin D levels. <i>Nature Communications</i> , 2018 , 9, 260	17.4	174

340	Caffeine and the risk of hip fracture: the Framingham Study. <i>American Journal of Epidemiology</i> , 1990 , 132, 675-84	3.8	167
339	An integration of genome-wide association study and gene expression profiling to prioritize the discovery of novel susceptibility Loci for osteoporosis-related traits. <i>PLoS Genetics</i> , 2010 , 6, e1000977	6	163
338	Colas, but not other carbonated beverages, are associated with low bone mineral density in older women: The Framingham Osteoporosis Study. <i>American Journal of Clinical Nutrition</i> , 2006 , 84, 936-42	7	163
337	Indoor and outdoor falls in older adults are different: the maintenance of balance, independent living, intellect, and Zest in the Elderly of Boston Study. <i>Journal of the American Geriatrics Society</i> , 2010 , 58, 2135-41	5.6	162
336	Sarcopenia definitions considering body size and fat mass are associated with mobility limitations: the Framingham Study. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2013 , 68, 168-74	6.4	160
335	Estradiol, testosterone, and the risk for hip fractures in elderly men from the Framingham Study. <i>American Journal of Medicine</i> , 2006 , 119, 426-33	2.4	158
334	Association of JAG1 with bone mineral density and osteoporotic fractures: a genome-wide association study and follow-up replication studies. <i>American Journal of Human Genetics</i> , 2010 , 86, 229-39 ¹¹		156
333	Genetic correlates of longevity and selected age-related phenotypes: a genome-wide association study in the Framingham Study. <i>BMC Medical Genetics</i> , 2007 , 8 Suppl 1, S13	2.1	156
332	The Framingham Heart Study 100K SNP genome-wide association study resource: overview of 17 phenotype working group reports. <i>BMC Medical Genetics</i> , 2007 , 8 Suppl 1, S1	2.1	152
331	Genetic determinants of serum testosterone concentrations in men. <i>PLoS Genetics</i> , 2011 , 7, e1002313	6	148
330	Factors associated with hallux valgus in a population-based study of older women and men: the MOBILIZE Boston Study. <i>Osteoarthritis and Cartilage</i> , 2010 , 18, 41-6	6.2	145
329	Sarcopenia Definition: The Position Statements of the Sarcopenia Definition and Outcomes Consortium. <i>Journal of the American Geriatrics Society</i> , 2020 , 68, 1410-1418	5.6	142
328	Second hip fracture in older men and women: the Framingham Study. <i>Archives of Internal Medicine</i> , 2007 , 167, 1971-6		142
327	Identifying nursing home residents at risk for falling. <i>Journal of the American Geriatrics Society</i> , 1998 , 46, 551-5	5.6	140
326	Cortical and trabecular bone microarchitecture as an independent predictor of incident fracture risk in older women and men in the Bone Microarchitecture International Consortium (BoMIC): a prospective study. <i>Lancet Diabetes and Endocrinology</i> , 2019 , 7, 34-43	18.1	139
325	Thyroid function and the risk of Alzheimer disease: the Framingham Study. <i>Archives of Internal Medicine</i> , 2008 , 168, 1514-20		137
324	Disc degeneration/back pain and calcification of the abdominal aorta. A 25-year follow-up study in Framingham. <i>Spine</i> , 1997 , 22, 1642-7; discussion 1648-9	3.3	136
323	Calcium intake and hip fracture risk in men and women: a meta-analysis of prospective cohort studies and randomized controlled trials		134

322	Bone and skeletal muscle: neighbors with close ties. <i>Journal of Bone and Mineral Research</i> , 2013 , 28, 1508-18	5.3	132
321	Meta-analysis of genome-wide scans provides evidence for sex- and site-specific regulation of bone mass. <i>Journal of Bone and Mineral Research</i> , 2007 , 22, 173-183	6.3	128
320	Common genetic loci influencing plasma homocysteine concentrations and their effect on risk of coronary artery disease. <i>American Journal of Clinical Nutrition</i> , 2013 , 98, 668-76	7	122
319	Associations between vitamin K biochemical measures and bone mineral density in men and women. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2004 , 89, 4904-9	5.6	122
318	Life-Course Genome-wide Association Study Meta-analysis of Total Body BMD and Assessment of Age-Specific Effects. <i>American Journal of Human Genetics</i> , 2018 , 102, 88-102	11	119
317	Effects of beer, wine, and liquor intakes on bone mineral density in older men and women. <i>American Journal of Clinical Nutrition</i> , 2009 , 89, 1188-96	7	119
316	Multiple stumbles: a risk factor for falls in community-dwelling elderly. A prospective study. <i>Journal of the American Geriatrics Society</i> , 1990 , 38, 1321-5	5.6	119
315	Comparison of weekly treatment of postmenopausal osteoporosis with alendronate versus risedronate over two years. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2006 , 91, 2631-7	5.6	118
314	Low Plasma Vitamin B12 Is Associated With Lower BMD: The Framingham Osteoporosis Study. <i>Journal of Bone and Mineral Research</i> , 2005 , 20, 152-158	6.3	117
313	A genome-wide association meta-analysis of circulating sex hormone-binding globulin reveals multiple Loci implicated in sex steroid hormone regulation. <i>PLoS Genetics</i> , 2012 , 8, e1002805	6	116
312	The acid-base hypothesis: diet and bone in the Framingham Osteoporosis Study. <i>European Journal of Nutrition</i> , 2001 , 40, 231-7	5.2	115
311	Assessment of the genetic and clinical determinants of fracture risk: genome wide association and mendelian randomisation study. <i>BMJ, The</i> , 2018 , 362, k3225	5.9	114
310	Dietary and nondietary determinants of vitamin K biochemical measures in men and women. <i>Journal of Nutrition</i> , 2002 , 132, 1329-34	4.1	111
309	A genome-wide association study of aging. <i>Neurobiology of Aging</i> , 2011 , 32, 2109.e15-28	5.6	110
308	Optimizing the tracking of falls in studies of older participants: comparison of quarterly telephone recall with monthly falls calendars in the MOBILIZE Boston Study. <i>American Journal of Epidemiology</i> , 2010 , 171, 1031-6	3.8	110
307	Efficacy of a hip protector to prevent hip fracture in nursing home residents: the HIP PRO randomized controlled trial. <i>JAMA - Journal of the American Medical Association</i> , 2007 , 298, 413-22	27.4	110
306	A meta-analysis of four genome-wide association studies of survival to age 90 years or older: the Cohorts for Heart and Aging Research in Genomic Epidemiology Consortium. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2010 , 65, 478-87	6.4	107
305	GWAS of epigenetic aging rates in blood reveals a critical role for TERT. <i>Nature Communications</i> , 2018 , 9, 387	17.4	106

304	The MOBILIZE Boston Study: design and methods of a prospective cohort study of novel risk factors for falls in an older population. <i>BMC Geriatrics</i> , 2008 , 8, 16	4.1	106
303	Dietary Protein Intake Is Protective Against Loss of Grip Strength Among Older Adults in the Framingham Offspring Cohort. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2016 , 71, 356-61	6.4	105
302	A meta-analysis of genome-wide association studies identifies multiple longevity genes. <i>Nature Communications</i> , 2019 , 10, 3669	17.4	102
301	An epidemiologic study of fall-related fractures among institutionalized older people. <i>Journal of the American Geriatrics Society</i> , 1995 , 43, 1336-40	5.6	101
300	Protective effects of fish intake and interactive effects of long-chain polyunsaturated fatty acid intakes on hip bone mineral density in older adults: the Framingham Osteoporosis Study. <i>American Journal of Clinical Nutrition</i> , 2011 , 93, 1142-51	7	100
299	The BsmI vitamin D receptor restriction fragment length polymorphism (bb) influences the effect of calcium intake on bone mineral density. <i>Journal of Bone and Mineral Research</i> , 1997 , 12, 1049-57	6.3	100
298	Reduced risk of back pain following teriparatide treatment: a meta-analysis. <i>Osteoporosis International</i> , 2006 , 17, 273-80	5.3	100
297	Genetic variation at the low-density lipoprotein receptor-related protein 5 (LRP5) locus modulates Wnt signaling and the relationship of physical activity with bone mineral density in men. <i>Bone</i> , 2007 , 40, 587-96	4.7	99
296	Milk intake and risk of hip fracture in men and women: a meta-analysis of prospective cohort studies. <i>Journal of Bone and Mineral Research</i> , 2011 , 26, 833-9	6.3	97
295	Diabetes and Deficits in Cortical Bone Density, Microarchitecture, and Bone Size: Framingham HR-pQCT Study. <i>Journal of Bone and Mineral Research</i> , 2018 , 33, 54-62	6.3	96
294	Disentangling the genetic determinants of human aging: biological age as an alternative to the use of survival measures. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2005 , 60, 574-87	6.4	96
293	Inverse association of carotenoid intakes with 4-y change in bone mineral density in elderly men and women: the Framingham Osteoporosis Study. <i>American Journal of Clinical Nutrition</i> , 2009 , 89, 416-24	7	95
292	Plasma B vitamins, homocysteine, and their relation with bone loss and hip fracture in elderly men and women. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2008 , 93, 2206-12	5.6	95
291	Smoking eliminates the protective effect of oral estrogens on the risk for hip fracture among women. <i>Annals of Internal Medicine</i> , 1992 , 116, 716-21	8	95
290	Goal-Directed Treatment for Osteoporosis: A Progress Report From the ASBMR-NOF Working Group on Goal-Directed Treatment for Osteoporosis. <i>Journal of Bone and Mineral Research</i> , 2017 , 32, 3-10	6.3	94
289	Postmenopausal estrogen replacement and tooth retention. <i>American Journal of Medicine</i> , 1997 , 102, 536-42	2.4	93
288	Addressing the Crisis in the Treatment of Osteoporosis: A Path Forward. <i>Journal of Bone and Mineral Research</i> , 2017 , 32, 424-430	6.3	91
287	Protective effect of total carotenoid and lycopene intake on the risk of hip fracture: a 17-year follow-up from the Framingham Osteoporosis Study. <i>Journal of Bone and Mineral Research</i> , 2009 , 24, 1086-94	6.3	91

286	Metacarpal cortical area and risk of coronary heart disease: the Framingham Study. <i>American Journal of Epidemiology</i> , 2004 , 159, 589-95	3.8	90
285	Dementia medications and risk of falls, syncope, and related adverse events: meta-analysis of randomized controlled trials. <i>Journal of the American Geriatrics Society</i> , 2011 , 59, 1019-31	5.6	89
284	Incidence and risk factors for vertebral fracture in women and men: 25-year follow-up results from the population-based Framingham study. <i>Journal of Bone and Mineral Research</i> , 2006 , 21, 1207-14	6.3	89
283	Bone marrow lesions in the knee are associated with increased local bone density. <i>Arthritis and Rheumatism</i> , 2005 , 52, 2814-21		89
282	Large meta-analysis of genome-wide association studies identifies five loci for lean body mass. <i>Nature Communications</i> , 2017 , 8, 80	17.4	88
281	Mechanical contributions of the cortical and trabecular compartments contribute to differences in age-related changes in vertebral body strength in men and women assessed by QCT-based finite element analysis. <i>Journal of Bone and Mineral Research</i> , 2011 , 26, 974-83	6.3	87
280	Abdominal aortic calcific deposits are associated with increased risk for congestive heart failure: The Framingham Heart Study. <i>American Heart Journal</i> , 2002 , 144, 733-739	4.9	87
279	Forum on bone and skeletal muscle interactions: summary of the proceedings of an ASBMR workshop. <i>Journal of Bone and Mineral Research</i> , 2013 , 28, 1857-65	6.3	85
278	Age, gender, and body mass effects on quantitative trait loci for bone mineral density: the Framingham Study. <i>Bone</i> , 2003 , 33, 308-16	4.7	85
277	Protective effect of total and supplemental vitamin C intake on the risk of hip fracture--a 17-year follow-up from the Framingham Osteoporosis Study. <i>Osteoporosis International</i> , 2009 , 20, 1853-61	5.3	84
276	Abdominal aortic calcification detected on lateral spine images from a bone densitometer predicts incident myocardial infarction or stroke in older women. <i>Journal of Bone and Mineral Research</i> , 2008 , 23, 409-16	6.3	84
275	Effect of birth cohort on risk of hip fracture: age-specific incidence rates in the Framingham Study. <i>American Journal of Public Health</i> , 2002 , 92, 858-62	5.1	84
274	Evidence for pleiotropic factors in genetics of the musculoskeletal system. <i>Bone</i> , 2010 , 46, 1226-37	4.7	82
273	RANKL inhibition with denosumab does not influence 3-year progression of aortic calcification or incidence of adverse cardiovascular events in postmenopausal women with osteoporosis and high cardiovascular risk. <i>Journal of Bone and Mineral Research</i> , 2014 , 29, 450-7	6.3	81
272	Milk and yogurt consumption are linked with higher bone mineral density but not with hip fracture: the Framingham Offspring Study. <i>Archives of Osteoporosis</i> , 2013 , 8, 119	2.9	80
271	Large-scale GWAS identifies multiple loci for hand grip strength providing biological insights into muscular fitness. <i>Nature Communications</i> , 2017 , 8, 16015	17.4	80
270	Higher Protein Intake Is Associated with Higher Lean Mass and Quadriceps Muscle Strength in Adult Men and Women. <i>Journal of Nutrition</i> , 2015 , 145, 1569-75	4.1	80
269	Clinical review: Genome-wide association studies of skeletal phenotypes: what we have learned and where we are headed. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2012 , 97, E1958-77	5.6	80

268	Calcium intake is not associated with increased coronary artery calcification: the Framingham Study. <i>American Journal of Clinical Nutrition</i> , 2012 , 96, 1274-80	7	80
267	The effects of Tai Chi on bone mineral density in postmenopausal women: a systematic review. <i>Archives of Physical Medicine and Rehabilitation</i> , 2007 , 88, 673-80	2.8	80
266	Developing consensus criteria for sarcopenia: an update. <i>Journal of Bone and Mineral Research</i> , 2015 , 30, 588-92	6.3	79
265	Calcifications in the abdominal aorta predict fractures in men: MINOS study. <i>Journal of Bone and Mineral Research</i> , 2008 , 23, 95-102	6.3	79
264	Association of Dairy Food Intake with Measures of Bone Microarchitecture in Men and Women from the Framingham Study (OR18-08-19). <i>Current Developments in Nutrition</i> , 2019 , 3,	0.4	78
263	Genetic determinants of heel bone properties: genome-wide association meta-analysis and replication in the GEFOS/GENOMOS consortium. <i>Human Molecular Genetics</i> , 2014 , 23, 3054-68	5.6	78
262	Dairy Food Intake Is Not Associated With Frailty or Frailty Progression Over Time in Adults: Framingham Offspring Study. <i>Current Developments in Nutrition</i> , 2021 , 5, 48-48	0.4	78
261	Association of Serum Metabolites With Frailty in Community-Dwelling Older Adults: The Framingham Offspring Study. <i>Current Developments in Nutrition</i> , 2021 , 5, 62-62	0.4	78
260	Variations of CT-based trunk muscle attenuation by age, sex, and specific muscle. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2013 , 68, 317-23	6.4	77
259	Low-Frequency Synonymous Coding Variation in CYP2R1 Has Large Effects on Vitamin D Levels and Risk of Multiple Sclerosis. <i>American Journal of Human Genetics</i> , 2017 , 101, 227-238	11	76
258	Meta-analysis of genome-wide studies identifies WNT16 and ESR1 SNPs associated with bone mineral density in premenopausal women. <i>Journal of Bone and Mineral Research</i> , 2013 , 28, 547-58	6.3	74
257	Survival of aged nursing home residents with hip fracture. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2009 , 64, 771-7	6.4	74
256	Genetics of the musculoskeletal system: a pleiotropic approach. <i>Journal of Bone and Mineral Research</i> , 2008 , 23, 788-802	6.3	74
255	Effects of atorvastatin on bone in postmenopausal women with dyslipidemia: a double-blind, placebo-controlled, dose-ranging trial. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2007 , 92, 4671-7	5.6	70
254	Association of a common polymorphism in the methylenetetrahydrofolate reductase (MTHFR) gene with bone phenotypes depends on plasma folate status. <i>Journal of Bone and Mineral Research</i> , 2004 , 19, 410-8	6.3	70
253	Eight common genetic variants associated with serum DHEAS levels suggest a key role in ageing mechanisms. <i>PLoS Genetics</i> , 2011 , 7, e1002025	6	69
252	Protective effect of high protein and calcium intake on the risk of hip fracture in the Framingham offspring cohort. <i>Journal of Bone and Mineral Research</i> , 2010 , 25, 2770-6	6.3	69
251	Comparison of Handgrip and Leg Extension Strength in Predicting Slow Gait Speed in Older Adults. <i>Journal of the American Geriatrics Society</i> , 2016 , 64, 144-50	5.6	68

250	Positive association between serum 25-hydroxyvitamin D level and bone density in osteoarthritis. <i>Arthritis and Rheumatism</i> , 2005 , 53, 821-6		68
249	Growth hormone administration and exercise effects on muscle fiber type and diameter in moderately frail older people. <i>Journal of the American Geriatrics Society</i> , 2001 , 49, 852-8	5.6	68
248	Dietary intakes of arachidonic acid and alpha-linolenic acid are associated with reduced risk of hip fracture in older adults. <i>Journal of Nutrition</i> , 2011 , 141, 1146-53	4.1	67
247	Association of insulin-like growth factor-I with body composition, weight history, and past health behaviors in the very old: the Framingham Heart Study. <i>Journal of the American Geriatrics Society</i> , 1997 , 45, 133-9	5.6	67
246	High vitamin C intake is associated with lower 4-year bone loss in elderly men. <i>Journal of Nutrition</i> , 2008 , 138, 1931-8	4.1	67
245	Dietary Approaches for Bone Health: Lessons from the Framingham Osteoporosis Study. <i>Current Osteoporosis Reports</i> , 2015 , 13, 245-55	5.4	66
244	Evidence for heritability of abdominal aortic calcific deposits in the Framingham Heart Study. <i>Circulation</i> , 2002 , 106, 337-41	16.7	66
243	Impact of Tai Chi exercise on multiple fracture-related risk factors in post-menopausal osteopenic women: a pilot pragmatic, randomized trial. <i>BMC Complementary and Alternative Medicine</i> , 2012 , 12, 7	4.7	64
242	Detection of abdominal aortic calcification with lateral spine imaging using DXA. <i>Journal of Clinical Densitometry</i> , 2006 , 9, 302-8	3.5	64
241	METTL21C is a potential pleiotropic gene for osteoporosis and sarcopenia acting through the modulation of the NF- κ B signaling pathway. <i>Journal of Bone and Mineral Research</i> , 2014 , 29, 1531-1540	6.3	63
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