List of Publications by Year in descending order

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DOLICIAS P KIEL

#	Article	IF	CITATIONS
1	Association of Proinflammatory Diet With Frailty Onset Among Adults With and Without Depressive Symptoms: Results From the Framingham Offspring Study. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2023, 78, 250-257.	1.7	3
2	The Musculoskeletal Knowledge Portal: improving access to multi-omics data. Nature Reviews Rheumatology, 2022, 18, 1-2.	3.5	8
3	Epigenetic Age Acceleration and Change in Frailty in MOBILIZE Boston. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2022, 77, 1760-1765.	1.7	10
4	Abdominal aortic calcification, cardiac troponin I and atherosclerotic vascular disease mortality in older women. Heart, 2022, 108, 1274-1280.	1.2	5
5	Adherence to the Mediterranean-style diet and high intake of total carotenoids reduces the odds of frailty over 11 years in older adults: Results from the Framingham Offspring Study. American Journal of Clinical Nutrition, 2022, 116, 630-639.	2.2	11
6	Safety and Tolerability of SBD111 an Optimized Probiotic/Prebiotic Medical Food Combination Designed for the Dietary Management of Age-Related Bone Loss in Adults Current Developments in Nutrition, 2022, 6, 47.	0.1	0
7	Abdominal aortic calcification on lateral spine images captured during bone density testing and late-life dementia risk in older women: A prospective cohort study. The Lancet Regional Health - Western Pacific, 2022, 26, 100502.	1.3	7
8	Bone density and strength from thoracic and lumbar CT scans both predict incident vertebral fractures independently of fracture location. Osteoporosis International, 2021, 32, 261-269.	1.3	28
9	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
10	Prognostic Value of Abdominal Aortic Calcification: A Systematic Review and Metaâ€Analysis of Observational Studies. Journal of the American Heart Association, 2021, 10, e017205.	1.6	60
11	Genome-wide meta-analysis of muscle weakness identifies 15 susceptibility loci in older men and women. Nature Communications, 2021, 12, 654.	5.8	75
12	Falls as risk factors for fracture. , 2021, , 633-646.		0
13	Association Between Liver Fat and Bone Density is Confounded by General and Visceral Adiposity in a Communityâ€Based Cohort. Obesity, 2021, 29, 595-600.	1.5	4
14	Sequencing of 53,831 diverse genomes from the NHLBI TOPMed Program. Nature, 2021, 590, 290-299.	13.7	1,069
15	A regulatory variant at 3q21.1 confers an increased pleiotropic risk for hyperglycemia and altered bone mineral density. Cell Metabolism, 2021, 33, 615-628.e13.	7.2	28
16	Higher Hand Grip Strength Is Associated With Greater Radius Bone Size and Strength in Older Men and Women: The Framingham Osteoporosis Study. JBMR Plus, 2021, 5, e10485.	1.3	7
17	Genetic variants modify the associations of concentrations of methylmalonic acid, vitamin B-12, vitamin B-6, and folate with bone mineral density. American Journal of Clinical Nutrition, 2021, 114, 578-587.	2.2	8
18	Pharmacogenomic Effects of β-Blocker Use on Femoral Neck Bone Mineral Density. Journal of the Endocrine Society, 2021, 5, bvab092.	0.1	0

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19	Association of dietary fiber and risk of hip fracture in men from the Framingham Osteoporosis Study and the Concord Health and Ageing in Men Project. Nutrition and Health, 2021, , 026010602110117.	0.6	0
20	Dairy Food Intake Is Not Associated With Frailty or Frailty Progression Over Time in Adults: Framingham Offspring Study. Current Developments in Nutrition, 2021, 5, 48.	0.1	0
21	Association of Serum Metabolites With Frailty in Community-Dwelling Older Adults: The Framingham Offspring Study. Current Developments in Nutrition, 2021, 5, 62.	0.1	0
22	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
23	Global epidemiology of hip fractures: a study protocol using a common analytical platform among multiple countries. BMJ Open, 2021, 11, e047258.	0.8	18
24	Hip Fracture Rates in Nursing Home Residents With and Without HIV. Journal of the American Medical Directors Association, 2021, , .	1.2	2
25	Osteoporosis and Dementia: Establishing a Link. Journal of Bone and Mineral Research, 2021, 36, 2103-2105.	3.1	8
26	<i>Dnmt3a</i> -mutated clonal hematopoiesis promotes osteoporosis. Journal of Experimental Medicine, 2021, 218, .	4.2	81
27	Dairy Food Intake Is Not Associated with Measures of Bone Microarchitecture in Men and Women: The Framingham Osteoporosis Study. Nutrients, 2021, 13, 3940.	1.7	0
28	Establishing the Link Between Lean Mass and Grip Strength Cut Points With Mobility Disability and Other Health Outcomes: Proceedings of the Sarcopenia Definition and Outcomes Consortium Conference. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2020, 75, 1317-1323.	1.7	91
29	Secondary Fracture Prevention: Consensus Clinical Recommendations from a Multistakeholder Coalition. Journal of Bone and Mineral Research, 2020, 35, 36-52.	3.1	146
30	Predictors of Hip Fracture Despite Treatment with Bisphosphonates among Frail Older Adults. Journal of the American Geriatrics Society, 2020, 68, 256-260.	1.3	5
31	Age-related DNA hydroxymethylation is enriched for gene expression and immune system processes in human peripheral blood. Epigenetics, 2020, 15, 294-306.	1.3	8
32	Genetic determinants of bone mass and osteoporotic fracture. , 2020, , 1615-1630.		1
33	Heterogeneity and Spatial Distribution of Intravertebral Trabecular Bone Mineral Density in the Lumbar Spine Is Associated With Prevalent Vertebral Fracture. Journal of Bone and Mineral Research, 2020, 35, 641-648.	3.1	14
34	Genetic basis of falling risk susceptibility in the UK Biobank Study. Communications Biology, 2020, 3, 543.	2.0	17
35	Total Carotenoid Intake Reduces the Odds of Frailty over 9 Years in Older Adults: Results from the Framingham Offspring Study. Current Developments in Nutrition, 2020, 4, nzaa040_072.	0.1	1
36	Modification of diet, exercise and lifestyle (MODEL) study: a randomised controlled trial protocol. BMJ Open, 2020, 10, e036366.	0.8	6

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37	Implementation, mechanisms of impact and key contextual factors involved in outcomes of the Modification of Diet, Exercise and Lifestyle (MODEL) randomised controlled trial in Australian adults: protocol for a mixed-method process evaluation. BMJ Open, 2020, 10, e036395.	0.8	0
38	The Musculoskeletal Knowledge Portal: Making Omics Data Useful to the Broader Scientific Community. Journal of Bone and Mineral Research, 2020, 35, 1626-1633.	3.1	25
39	Association of Beta Blocker Use With Bone Mineral Density in the Framingham Osteoporosis Study: A Crossâ€Sectional Study. JBMR Plus, 2020, 4, e10388.	1.3	7
40	Secondary Fracture Prevention: Consensus Clinical Recommendations from a Multistakeholder Coalition. Journal of Orthopaedic Trauma, 2020, 34, e125-e141.	0.7	10
41	Managing fragility fractures during the COVID-19 pandemic. Nature Reviews Endocrinology, 2020, 16, 467-468.	4.3	54
42	Sarcopenia Definition: The Position Statements of the Sarcopenia Definition and Outcomes Consortium. Journal of the American Geriatrics Society, 2020, 68, 1410-1418.	1.3	347
43	Atrial Fibrillation and the Risk of Subsequent Fracture. American Journal of Medicine, 2020, 133, 954-960.	0.6	3
44	Development of a polygenic risk score to improve screening for fracture risk: A genetic risk prediction study. PLoS Medicine, 2020, 17, e1003152.	3.9	45
45	Putative Cutâ€Points in Sarcopenia Components and Incident Adverse Health Outcomes: An <scp>SDOC</scp> Analysis. Journal of the American Geriatrics Society, 2020, 68, 1429-1437.	1.3	120
46	A genome-wide scan for pleiotropy between bone mineral density and nonbone phenotypes. Bone Research, 2020, 8, 26.	5.4	9
47	Association Between Bisphosphonates and Hospitalized Clostridioides difficile Infection Among Frail Older Adults. Journal of the American Medical Directors Association, 2020, 21, 688-691.	1.2	1
48	Secular Trends in the Incidence of Hip Fracture Among Nursing Home Residents. Journal of Bone and Mineral Research, 2020, 35, 1668-1675.	3.1	10
49	A Meta-Analysis of the Transferability of Bone Mineral Density Genetic Loci Associations From European to African Ancestry Populations. Journal of Bone and Mineral Research, 2020, 36, 469-479.	3.1	9
50	miRNA Mechanisms Underlying the Association of Beta Blocker Use and Bone Mineral Density. Journal of Bone and Mineral Research, 2020, 36, 110-122.	3.1	7
51	Metabolomics Insights into Osteoporosis Through Association With Bone Mineral Density. Journal of Bone and Mineral Research, 2020, 36, 729-738.	3.1	37
52	Bone Microarchitecture Phenotypes Identified in Older Adults Are Associated With Different Levels of Osteoporotic Fracture Risk. Journal of Bone and Mineral Research, 2020, 37, 428-439.	3.1	24
53	Analysis of the Associations Between the Human Fecal Microbiome and Bone Density, Structure, and Strength: The Osteoporotic Fractures in Men (MrOS) Cohort. Journal of Bone and Mineral Research, 2020, 37, 597-607.	3.1	13
54	Title is missing!. , 2020, 17, e1003152.		0

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55	Title is missing!. , 2020, 17, e1003152.		0
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59	Title is missing!. , 2020, 17, e1003152.		Ο
60	Body Composition and Genetic Lipodystrophy Risk Score Associate With Nonalcoholic Fatty Liver Disease and Liver Fibrosis. Hepatology Communications, 2019, 3, 1073-1084.	2.0	18
61	A meta-analysis of genome-wide association studies identifies multiple longevity genes. Nature Communications, 2019, 10, 3669.	5.8	214
62	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
63	Antihypertensive Medication Use in Older Adults at Risk for Hip Fracture—Reply. JAMA - Journal of the American Medical Association, 2019, 322, 1609.	3.8	0
64	Disentangling the genetics of lean mass. American Journal of Clinical Nutrition, 2019, 109, 276-287.	2.2	38
65	Odanacatib for the treatment of postmenopausal osteoporosis: results of the LOFT multicentre, randomised, double-blind, placebo-controlled trial and LOFT Extension study. Lancet Diabetes and Endocrinology,the, 2019, 7, 899-911.	5.5	111
66	Validation of the FRAiL model to predict non-vertebral and hip fractures in nursing home residents. Bone, 2019, 128, 115050.	1.4	5
67	Considering the Risks and Benefits of Osteoporosis Treatment in Older Adults. JAMA Internal Medicine, 2019, 179, 1103.	2.6	12
68	Association of Dairy Food Intake with Measures of Bone Microarchitecture in Men and Women from the Framingham Study (OR18-08-19). Current Developments in Nutrition, 2019, 3, nzz028.OR18-08-19.	0.1	0
69	A Lot of Progress, With More to Be Done: A Response to NIH Pathways to Prevention Report "Research Gaps for Long-Term Drug Therapies for Osteoporotic Fracture Prevention― Journal of Bone and Mineral Research, 2019, 34, 1549-1551.	3.1	4
70	Association of dietary folate and vitamin B-12 intake with genome-wide DNA methylation in blood: a large-scale epigenome-wide association analysis in 5841 individuals. American Journal of Clinical Nutrition, 2019, 110, 437-450.	2.2	46
71	Preface to the BONE special issue on skeletal genomics. Bone, 2019, 126, 1.	1.4	0
72	Post–Hip Fracture Mortality in Nursing Home Residents by Obesity Status. Journal of the American Geriatrics Society, 2019, 67, 1983-1985.	1.3	4

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73	Hip Fractures in Older Adults in 2019. JAMA - Journal of the American Medical Association, 2019, 321, 2231.	3.8	31
74	Meta-Analysis of Genomewide Association Studies Reveals Genetic Variants for Hip Bone Geometry. Journal of Bone and Mineral Research, 2019, 34, 1284-1296.	3.1	27
75	Incidence of hip fracture in Native American residents of U.S. nursing homes. Bone, 2019, 123, 204-210.	1.4	8
76	Abdominal aortic calcification, bone mineral density and fractures: a systematic review and meta-analysis protocol. BMJ Open, 2019, 9, e026232.	0.8	5
77	Genetics of Bone and Muscle Interactions in Humans. Current Osteoporosis Reports, 2019, 17, 86-95.	1.5	38
78	Effect of Bisphosphonates on Fracture Outcomes Among Frail Older Adults. Journal of the American Geriatrics Society, 2019, 67, 768-776.	1.3	28
79	An atlas of genetic influences on osteoporosis in humans and mice. Nature Genetics, 2019, 51, 258-266.	9.4	557
80	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
81	Identification of Novel Loci Associated With Hip Shape: A Meta-Analysis of Genomewide Association Studies. Journal of Bone and Mineral Research, 2019, 34, 241-251.	3.1	47
82	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. Lancet Diabetes and Endocrinology,the, 2019, 7, 34-43.	5.5	244
83	The genetics of vitamin D. Bone, 2019, 126, 59-77.	1.4	47
84	A Longitudinal Study of Trunk Muscle Properties and Severity of Thoracic Kyphosis in Women and Men: The Framingham Study. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2019, 74, 420-427.	1.7	30
85	Higher Dairy Food Intake Is Associated With Higher Spine Quantitative Computed Tomography (QCT) Bone Measures in the Framingham Study for Men But Not Women. Journal of Bone and Mineral Research, 2018, 33, 1283-1290.	3.1	7
86	A longitudinal study of disc height narrowing and facet joint osteoarthritis at the thoracic and lumbar spine, evaluated by computed tomography: the Framingham Study. Spine Journal, 2018, 18, 2065-2073.	0.6	26
87	Epidemiology of hip fracture in nursing home residents with multiple sclerosis. Disability and Health Journal, 2018, 11, 591-597.	1.6	1
88	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
89	GWAS of epigenetic aging rates in blood reveals a critical role for TERT. Nature Communications, 2018, 9, 387.	5.8	151
90	Genome-wide association study in 79,366 European-ancestry individuals informs the genetic architecture of 25-hydroxyvitamin D levels. Nature Communications, 2018, 9, 260.	5.8	295

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91	Meta-analysis of epigenome-wide association studies of cognitive abilities. Molecular Psychiatry, 2018, 23, 2133-2144.	4.1	68
92	Lower Lean Mass Measured by Dual-Energy X-ray Absorptiometry (DXA) is Not Associated with Increased Risk of Hip Fracture in Women: The Framingham Osteoporosis Study. Calcified Tissue International, 2018, 103, 16-23.	1.5	22
93	Life-Course Genome-wide Association Study Meta-analysis of Total Body BMD and Assessment of Age-Specific Effects. American Journal of Human Genetics, 2018, 102, 88-102.	2.6	252
94	Genetic Determinants of Circulating Estrogen Levels and Evidence of a Causal Effect of Estradiol on Bone Density in Men. Journal of Clinical Endocrinology and Metabolism, 2018, 103, 991-1004.	1.8	60
95	Fracture Risk Assessment in Long-term Care (FRAiL): Development and Validation of a Prediction Model. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2018, 73, 763-769.	1.7	37
96	Association Between Dietary Fiber Intake and Bone Loss in the Framingham Offspring Study. Journal of Bone and Mineral Research, 2018, 33, 241-249.	3.1	42
97	Diabetes and Deficits in Cortical Bone Density, Microarchitecture, and Bone Size: Framingham HR-pQCT Study. Journal of Bone and Mineral Research, 2018, 33, 54-62.	3.1	148
98	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
99	Assessment of the genetic and clinical determinants of fracture risk: genome wide association and mendelian randomisation study. BMJ: British Medical Journal, 2018, 362, k3225.	2.4	190
100	Harmonizing finite element modelling for non-invasive strength estimation by high-resolution peripheral quantitative computed tomography. Journal of Biomechanics, 2018, 80, 63-71.	0.9	35
101	Aortic Calcification is Associated with Five-Year Decline in Handgrip Strength in Older Women. Calcified Tissue International, 2018, 103, 589-598.	1.5	18
102	Association of Alendronate and Risk of Cardiovascular Events in Patients With Hip Fracture. Journal of Bone and Mineral Research, 2018, 33, 1422-1434.	3.1	69
103	Association of Clinical Outcomes With Surgical Repair of Hip Fracture vs Nonsurgical Management in Nursing Home Residents With Advanced Dementia. JAMA Internal Medicine, 2018, 178, 774.	2.6	50
104	Exploring causality in the association between circulating 25-hydroxyvitamin D and colorectal cancer risk: a large Mendelian randomisation study. BMC Medicine, 2018, 16, 142.	2.3	62
105	Abdominal aortic calcification on dual-energy X-ray absorptiometry: Methods of assessment and clinical significance. Bone, 2017, 104, 91-100.	1.4	50
106	Dairy Intake Is Protective against Bone Loss in Older Vitamin D Supplement Users: The Framingham Study. Journal of Nutrition, 2017, 147, 645-652.	1.3	38
107	Dietary protein is associated with musculoskeletal health independently of dietary pattern: the Framingham Third Generation Study ,. American Journal of Clinical Nutrition, 2017, 105, 714-722.	2.2	78
108	Epigenome-wide Association of DNA Methylation in Whole Blood With Bone Mineral Density. Journal of Bone and Mineral Research, 2017, 32, 1644-1650.	3.1	49

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109	Addressing the Crisis in the Treatment of Osteoporosis: A Path Forward. Journal of Bone and Mineral Research, 2017, 32, 424-430.	3.1	134
110	Thoracic Kyphosis and Physical Function: The Framingham Study. Journal of the American Geriatrics Society, 2017, 65, 2257-2264.	1.3	22
111	Bone Strength Estimated by Micro-Finite Element Analysis (ÂμFEA) Is Heritable and Shares Genetic Predisposition With Areal BMD: The Framingham Study. Journal of Bone and Mineral Research, 2017, 32, 2151-2156.	3.1	5
112	Low-Frequency Synonymous Coding Variation in CYP2R1 Has Large Effects on Vitamin D Levels and Risk of Multiple Sclerosis. American Journal of Human Genetics, 2017, 101, 227-238.	2.6	112
113	Large meta-analysis of genome-wide association studies identifies five loci for lean body mass. Nature Communications, 2017, 8, 80.	5.8	147
114	Bivariate genome-wide association meta-analysis of pediatric musculoskeletal traits reveals pleiotropic effects at the SREBF1/TOM1L2 locus. Nature Communications, 2017, 8, 121.	5.8	82
115	Large-scale GWAS identifies multiple loci for hand grip strength providing biological insights into muscular fitness. Nature Communications, 2017, 8, 16015.	5.8	149
116	Goal-Directed Treatment for Osteoporosis: A Progress Report From the ASBMR-NOF Working Group on Goal-Directed Treatment for Osteoporosis. Journal of Bone and Mineral Research, 2017, 32, 3-10.	3.1	127
117	Evaluation of a new approach to compute intervertebral disc height measurements from lateral radiographic views of the spine. European Spine Journal, 2017, 26, 167-172.	1.0	10
118	Visceral Adipose Tissue Is Associated With Bone Microarchitecture in the Framingham Osteoporosis Study. Journal of Bone and Mineral Research, 2017, 32, 143-150.	3.1	59
119	Heritability and Genetic Correlations for Bone Microarchitecture: The Framingham Study Families. Journal of Bone and Mineral Research, 2017, 32, 106-114.	3.1	30
120	Association of Circulating Wnt Antagonists With Severe Abdominal Aortic Calcification in Elderly Women. Journal of the Endocrine Society, 2017, 1, 26-38.	0.1	17
121	Reply to G Bahat and MA Karan. American Journal of Clinical Nutrition, 2017, 106, 703.	2.2	0
122	Fruit Intake and Abdominal Aortic Calcification in Elderly Women: A Prospective Cohort Study. Nutrients, 2016, 8, 159.	1.7	26
123	A combined reference panel from the 1000 Genomes and UK10K projects improved rare variant imputation in European and Chinese samples. Scientific Reports, 2016, 6, 39313.	1.6	32
124	<scp>GWAS</scp> analysis of handgrip and lower body strength in older adults in the <scp>CHARGE</scp> consortium. Aging Cell, 2016, 15, 792-800.	3.0	51
125	Novel Genetic Variants Associated With Increased Vertebral Volumetric BMD, Reduced Vertebral Fracture Risk, and Increased Expression of <i>SLC1A3</i> and <i>EPHB2</i> . Journal of Bone and Mineral Research, 2016, 31, 2085-2097.	3.1	42
126	Severity of Kyphosis and Decline in Lung Function: The Framingham Study. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2016, 72, glw124.	1.7	24

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127	Heritability of Thoracic Spine Curvature and Genetic Correlations With Other Spine Traits: The Framingham Study. Journal of Bone and Mineral Research, 2016, 31, 2077-2084.	3.1	22
128	Medication Review After a Fracture—Absolutely Essential. JAMA Internal Medicine, 2016, 176, 1539.	2.6	3
129	Epigenetic Signatures of Cigarette Smoking. Circulation: Cardiovascular Genetics, 2016, 9, 436-447.	5.1	678
130	Targeted sequencing of genome wide significant loci associated with bone mineral density (BMD) reveals significant novel and rare variants: the Cohorts for Heart and Aging Research in Genomic Epidemiology (CHARGE) targeted sequencing study. Human Molecular Genetics, 2016, 25, ddw289.	1.4	7
131	Comparison of Handgrip and Leg Extension Strength in Predicting Slow Gait Speed in Older Adults. Journal of the American Geriatrics Society, 2016, 64, 144-150.	1.3	103
132	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
133	New loci for body fat percentage reveal link between adiposity and cardiometabolic disease risk. Nature Communications, 2016, 7, 10495.	5.8	245
134	Vitamin D Supplementation and Increased Risk of Falling. JAMA Internal Medicine, 2016, 176, 171.	2.6	27
135	Dietary Protein Intake Is Protective Against Loss of Grip Strength Among Older Adults in the Framingham Offspring Cohort. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2016, 71, 356-361.	1.7	142
136	Evaluation of power of the Illumina HumanOmni5M-4v1 BeadChip to detect risk variants for human complex diseases. European Journal of Human Genetics, 2016, 24, 1029-1034.	1.4	7
137	Associations of Computed Tomography-Based Trunk Muscle Size and Density With Balance and Falls in Older Adults. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2016, 71, 811-816.	1.7	50
138	Antipsychotic and Benzodiazepine Drug Changes Affect Acute Falls Risk Differently in the Nursing Home. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2016, 71, 273-278.	1.7	46
139	DNA methylation-based measures of biological age: meta-analysis predicting time to death. Aging, 2016, 8, 1844-1865.	1.4	786
140	Genetics of Osteoporosis in Older Age. , 2016, , 141-155.		1
141	QCT Volumetric Bone Mineral Density and Vascular and Valvular Calcification: The Framingham Study. Journal of Bone and Mineral Research, 2015, 30, 1767-1774.	3.1	42
142	Low-Magnitude Mechanical Stimulation to Improve Bone Density in Persons of Advanced Age: A Randomized, Placebo-Controlled Trial. Journal of Bone and Mineral Research, 2015, 30, 1319-1328.	3.1	48
143	Oxandrolone Augmentation of Resistance Training in Older Women. Medicine and Science in Sports and Exercise, 2015, 47, 2257-2267.	0.2	15
144	Higher Protein Intake Is Associated with Higher Lean Mass and Quadriceps Muscle Strength in Adult Men and Women. Journal of Nutrition, 2015, 145, 1569-1575.	1.3	102

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145	Abdominal aortic calcification and risk of fracture among older women — The SOF study. Bone, 2015, 81, 16-23.	1.4	26
146	Dietary Approaches for Bone Health: Lessons from the Framingham Osteoporosis Study. Current Osteoporosis Reports, 2015, 13, 245-255.	1.5	82
147	GWAS of Longevity in CHARGE Consortium Confirms APOE and FOXO3 Candidacy. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2015, 70, 110-118.	1.7	250
148	Developing Consensus Criteria for Sarcopenia: An Update. Journal of Bone and Mineral Research, 2015, 30, 588-592.	3.1	92
149	Wholeâ€genome sequencing identifies EN1 as a determinant of bone density and fracture. Nature, 2015, 526, 112-117.	13.7	483
150	Bone Mineral Density and Protein-Derived Food Clusters from the Framingham Offspring Study. Journal of the Academy of Nutrition and Dietetics, 2015, 115, 1605-1613.e1.	0.4	29
151	Strength and Function Response to Clinical Interventions of Older Women Categorized by Weakness and Low Lean Mass Using Classifications From the Foundation for the National Institute of Health Sarcopenia Project. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2015, 70, 202-209.	1.7	42
152	Smoking, Alcohol, and Bone Health. , 2015, , 489-504.		4
153	Cutpoints for Low Appendicular Lean Mass That Identify Older Adults With Clinically Significant Weakness. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2014, 69, 567-575.	1.7	299
154	A genome-wide copy number association study of osteoporotic fractures points to the 6p25.1 locus. Journal of Medical Genetics, 2014, 51, 122-131.	1.5	36
155	Treating Hypertension in the Elderly. JAMA Internal Medicine, 2014, 174, 596.	2.6	15
156	<i>METTL21C</i> Is a Potential Pleiotropic Gene for Osteoporosis and Sarcopenia Acting Through the Modulation of the NF-lºB Signaling Pathway. Journal of Bone and Mineral Research, 2014, 29, 1531-1540.	3.1	80
157	Protective Association of Milk Intake on the Risk of Hip Fracture: Results from the Framingham Original Cohort. Journal of Bone and Mineral Research, 2014, 29, 1756-1762.	3.1	61
158	Genetic determinants of heel bone properties: genome-wide association meta-analysis and replication in the GEFOS/GENOMOS consortium. Human Molecular Genetics, 2014, 23, 3054-3068.	1.4	90
159	Association Between Inflammatory Biomarkers and Bone Mineral Density in a Communityâ€Based Cohort of Men and Women. Arthritis Care and Research, 2014, 66, 1233-1240.	1.5	37
160	Vertebral Size, Bone Density, and Strength in Men and Women Matched for Age and Areal Spine BMD. Journal of Bone and Mineral Research, 2014, 29, 562-569.	3.1	41
161	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. Journals of Gerontology - Series A Biological Sciences and Medical Sciences. 2014. 69. 576-583.	1.7	365
162	Grip Strength Cutpoints for the Identification of Clinically Relevant Weakness. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2014, 69, 559-566.	1.7	392

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163	Genetic diversity is a predictor of mortality in humans. BMC Genetics, 2014, 15, 159.	2.7	12
164	An Evidence-Based Comparison of Operational Criteria for the Presence of Sarcopenia. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2014, 69, 584-590.	1.7	314
165	Association of total protein intake with bone mineral density and bone loss in men and women from the Framingham Offspring Study. Public Health Nutrition, 2014, 17, 2570-2576.	1.1	28
166	Changes in Bone Mineral Density May Predict the Risk of Fracture Differently in Older Adults According to Fall History. Journal of the American Geriatrics Society, 2014, 62, 2345-2349.	1.3	12
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