

# Douglas P Kiel

## List of Publications by Year in Descending Order

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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 | Epigenetic Age Acceleration and Change in Frailty in MOBILIZE Boston.. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , <b>2022</b> ,   | 6.4  | 1         |
| 392 | Bone microarchitecture phenotypes identified in older adults are associated with different levels of osteoporotic fracture risk.. <i>Journal of Bone and Mineral Research</i> , <b>2021</b> ,                                     | 6.3  | 2         |
| 391 | Dnmt3a-mutated clonal hematopoiesis promotes osteoporosis. <i>Journal of Experimental Medicine</i> , <b>2021</b> , 218,   | 16.6 | 9         |
| 390 | A regulatory variant at 3q21.1 confers an increased pleiotropic risk for hyperglycemia and altered bone mineral density. <i>Cell Metabolism</i> , <b>2021</b> , 33, 615-628.e13   | 24.6 | 7         |
| 389 | Higher Hand Grip Strength Is Associated With Greater Radius Bone Size and Strength in Older Men and Women: The Framingham Osteoporosis Study. <i>JBMR Plus</i> , <b>2021</b> , 5, e10485  | 3.9  | 1         |
| 388 | Genetic variants modify the associations of concentrations of methylmalonic acid, vitamin B-12, vitamin B-6, and folate with bone mineral density. <i>American Journal of Clinical Nutrition</i> , <b>2021</b> , 114, 578-587     | 3.7  | 3         |
| 387 | Pharmacogenomic Effects of $\beta$ -Blocker Use on Femoral Neck Bone Mineral Density. <i>Journal of the Endocrine Society</i> , <b>2021</b> , 5, bvab092  | 0.4  |           |
| 386 | 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. <i>Nutrition and Health</i> , <b>2021</b> , 2601060211011798 <sup>2,1</sup> | 0.4  | 78        |
| 385 | Dairy Food Intake Is Not Associated With Frailty or Frailty Progression Over Time in Adults: Framingham Offspring Study. <i>Current Developments in Nutrition</i> , <b>2021</b> , 5, 48-48  | 0.4  | 78        |
| 384 | Association of Serum Metabolites With Frailty in Community-Dwelling Older Adults: The Framingham Offspring Study. <i>Current Developments in Nutrition</i> , <b>2021</b> , 5, 62-62   | 0.4  | 78        |
| 383 | Abdominal aortic calcification is associated with a higher risk of injurious fall-related hospitalizations in older Australian women. <i>Atherosclerosis</i> , <b>2021</b> , 328, 153-159   | 3.1  | 2         |
| 382 | Global epidemiology of hip fractures: a study protocol using a common analytical platform among multiple countries. <i>BMJ Open</i> , <b>2021</b> , 11, e047258   | 3    | 4         |
| 381 | Bone density and strength from thoracic and lumbar CT scans both predict incident vertebral fractures independently of fracture location. <i>Osteoporosis International</i> , <b>2021</b> , 32, 261-269                           | 5.3  | 5         |
| 380 | Cruciferous vegetable intake is inversely associated with extensive abdominal aortic calcification in elderly women: a cross-sectional study. <i>British Journal of Nutrition</i> , <b>2021</b> , 125, 337-345                    | 3.6  | 3         |
| 379 | A Meta-Analysis of the Transferability of Bone Mineral Density Genetic Loci Associations From European to African Ancestry Populations. <i>Journal of Bone and Mineral Research</i> , <b>2021</b> , 36, 469-479                   | 6.3  | 2         |
| 378 | miRNA Mechanisms Underlying the Association of Beta Blocker Use and Bone Mineral Density. <i>Journal of Bone and Mineral Research</i> , <b>2021</b> , 36, 110-122   | 6.3  | 2         |
| 377 | Prognostic Value of Abdominal Aortic Calcification: A Systematic Review and Meta-Analysis of Observational Studies. <i>Journal of the American Heart Association</i> , <b>2021</b> , 10, e017205                                  | 6    | 12        |

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| 376 | Genome-wide meta-analysis of muscle weakness identifies 15 susceptibility loci in older men and women. <i>Nature Communications</i> , <b>2021</b> , 12, 654   | 17.4 | 10  |
| 375 | Falls as risk factors for fracture <b>2021</b> , 633-646  |      |     |
| 374 | Association Between Liver Fat and Bone Density is Confounded by General and Visceral Adiposity in a Community-Based Cohort. <i>Obesity</i> , <b>2021</b> , 29, 595-600  | 8    | 1   |
| 373 | Sequencing of 53,831 diverse genomes from the NHLBI TOPMed Program. <i>Nature</i> , <b>2021</b> , 590, 290-299  | 50.4 | 268 |
| 372 | Metabolomics Insights into Osteoporosis Through Association With Bone Mineral Density. <i>Journal of Bone and Mineral Research</i> , <b>2021</b> , 36, 729-738  | 6.3  | 8   |
| 371 | Hip Fracture Rates in Nursing Home Residents With and Without HIV. <i>Journal of the American Medical Directors Association</i> , <b>2021</b> ,   | 5.9  | 2   |
| 370 | Secondary Fracture Prevention: Consensus Clinical Recommendations from a Multistakeholder Coalition. <i>Journal of Orthopaedic Trauma</i> , <b>2020</b> , 34, e125-e141   | 3.1  | 6   |
| 369 | Managing fragility fractures during the COVID-19 pandemic. <i>Nature Reviews Endocrinology</i> , <b>2020</b> , 16, 467-468  | 15.2 | 27  |
| 368 | Sarcopenia Definition: The Position Statements of the Sarcopenia Definition and Outcomes Consortium. <i>Journal of the American Geriatrics Society</i> , <b>2020</b> , 68, 1410-1418  | 5.6  | 142 |
| 367 | Atrial Fibrillation and the Risk of Subsequent Fracture. <i>American Journal of Medicine</i> , <b>2020</b> , 133, 954-960   | 2.4  | 2   |
| 366 | Development of a polygenic risk score to improve screening for fracture risk: A genetic risk prediction study. <i>PLoS Medicine</i> , <b>2020</b> , 17, e1003152  | 11.6 | 16  |
| 365 | Putative Cut-Points in Sarcopenia Components and Incident Adverse Health Outcomes: An SDOC Analysis. <i>Journal of the American Geriatrics Society</i> , <b>2020</b> , 68, 1429-1437  | 5.6  | 51  |
| 364 | A genome-wide scan for pleiotropy between bone mineral density and nonbone phenotypes. <i>Bone Research</i> , <b>2020</b> , 8, 26   | 13.3 | 4   |
| 363 | Association Between Bisphosphonates and Hospitalized <i>Clostridioides difficile</i> Infection Among Frail Older Adults. <i>Journal of the American Medical Directors Association</i> , <b>2020</b> , 21, 688-691                     | 5.9  | 1   |
| 362 | Genetic determinants of bone mass and osteoporotic fracture <b>2020</b> , 1615-1630   |      | 1   |
| 361 | Heterogeneity and Spatial Distribution of Intravertebral Trabecular Bone Mineral Density in the Lumbar Spine Is Associated With Prevalent Vertebral Fracture. <i>Journal of Bone and Mineral Research</i> , <b>2020</b> , 35, 641-648 | 6.3  | 7   |
| 360 | Genetic basis of falling risk susceptibility in the UK Biobank Study. <i>Communications Biology</i> , <b>2020</b> , 3, 543  | 6.7  | 3   |
| 359 | Total Carotenoid Intake Reduces the Odds of Frailty over 9 Years in Older Adults: Results from the Framingham Offspring Study. <i>Current Developments in Nutrition</i> , <b>2020</b> , 4, 72-72                                      | 0.4  | 0   |

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| 358 | Modification of diet, exercise and lifestyle (MODEL) study: a randomised controlled trial protocol. <i>BMJ Open</i> , <b>2020</b> , 10, e036366  | 3    | 2  |
| 357 | 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. <i>BMJ Open</i> , <b>2020</b> , 10, e036395                         | 3    |    |
| 356 | The Musculoskeletal Knowledge Portal: Making Omics Data Useful to the Broader Scientific Community. <i>Journal of Bone and Mineral Research</i> , <b>2020</b> , 35, 1626-1633  | 6.3  | 8  |
| 355 | Association of Beta Blocker Use With Bone Mineral Density in the Framingham Osteoporosis Study: A Cross-Sectional Study. <i>JBMR Plus</i> , <b>2020</b> , 4, e10388  | 3.9  | 2  |
| 354 | 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. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , <b>2020</b> , 75, 1317-1323 | 6.4  | 56 |
| 353 | Secondary Fracture Prevention: Consensus Clinical Recommendations from a Multistakeholder Coalition. <i>Journal of Bone and Mineral Research</i> , <b>2020</b> , 35, 36-52   | 6.3  | 63 |
| 352 | Predictors of Hip Fracture Despite Treatment with Bisphosphonates among Frail Older Adults. <i>Journal of the American Geriatrics Society</i> , <b>2020</b> , 68, 256-260  | 5.6  | 3  |
| 351 | Age-related DNA hydroxymethylation is enriched for gene expression and immune system processes in human peripheral blood. <i>Epigenetics</i> , <b>2020</b> , 15, 294-306   | 5.7  | 3  |
| 350 | Secular Trends in the Incidence of Hip Fracture Among Nursing Home Residents. <i>Journal of Bone and Mineral Research</i> , <b>2020</b> , 35, 1668-1675  | 6.3  | 3  |
| 349 | Development of a polygenic risk score to improve screening for fracture risk: A genetic risk prediction study <b>2020</b> , 17, e1003152   |      |    |
| 348 | Development of a polygenic risk score to improve screening for fracture risk: A genetic risk prediction study <b>2020</b> , 17, e1003152   |      |    |
| 347 | Development of a polygenic risk score to improve screening for fracture risk: A genetic risk prediction study <b>2020</b> , 17, e1003152   |      |    |
| 346 | Development of a polygenic risk score to improve screening for fracture risk: A genetic risk prediction study <b>2020</b> , 17, e1003152   |      |    |
| 345 | Development of a polygenic risk score to improve screening for fracture risk: A genetic risk prediction study <b>2020</b> , 17, e1003152   |      |    |
| 344 | Development of a polygenic risk score to improve screening for fracture risk: A genetic risk prediction study <b>2020</b> , 17, e1003152   |      |    |
| 343 | Validation of the FRAiL model to predict non-vertebral and hip fractures in nursing home residents. <i>Bone</i> , <b>2019</b> , 128, 115050  | 4.7  | 2  |
| 342 | Considering the Risks and Benefits of Osteoporosis Treatment in Older Adults. <i>JAMA Internal Medicine</i> , <b>2019</b> , 179, 1103-1104   | 11.5 | 6  |
| 341 | 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> , <b>2019</b> , 3,  | 0.4  | 78 |

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| 340 | 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". <i>Journal of Bone and Mineral Research</i> , <b>2019</b> , 34, 1549-1551 | 6.3  | 4   |
| 339 | 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. <i>American Journal of Clinical Nutrition</i> , <b>2019</b> , 110, 437-450    | 7    | 22  |
| 338 | Post-Hip Fracture Mortality in Nursing Home Residents by Obesity Status. <i>Journal of the American Geriatrics Society</i> , <b>2019</b> , 67, 1983-1985  | 5.6  | 1   |
| 337 | Hip Fractures in Older Adults in 2019. <i>JAMA - Journal of the American Medical Association</i> , <b>2019</b> , 321, 2231-2232   | 27.4 | 18  |
| 336 | Meta-Analysis of Genomewide Association Studies Reveals Genetic Variants for Hip Bone Geometry. <i>Journal of Bone and Mineral Research</i> , <b>2019</b> , 34, 1284-1296   | 6.3  | 16  |
| 335 | Incidence of hip fracture in Native American residents of U.S. nursing homes. <i>Bone</i> , <b>2019</b> , 123, 204-210  | 4.7  | 3   |
| 334 | Abdominal aortic calcification, bone mineral density and fractures: a systematic review and meta-analysis protocol. <i>BMJ Open</i> , <b>2019</b> , 9, e026232  | 3    | 4   |
| 333 | Body Composition and Genetic Lipodystrophy Risk Score Associate With Nonalcoholic Fatty Liver Disease and Liver Fibrosis. <i>Hepatology Communications</i> , <b>2019</b> , 3, 1073-1084   | 6    | 9   |
| 332 | A meta-analysis of genome-wide association studies identifies multiple longevity genes. <i>Nature Communications</i> , <b>2019</b> , 10, 3669   | 17.4 | 102 |
| 331 | Association Between Abdominal Aortic Calcification, Bone Mineral Density, and Fracture in Older Women. <i>Journal of Bone and Mineral Research</i> , <b>2019</b> , 34, 2052-2060  | 6.3  | 22  |
| 330 | Antihypertensive Medication Use in Older Adults at Risk for Hip Fracture-Reply. <i>JAMA - Journal of the American Medical Association</i> , <b>2019</b> , 322, 1609   | 27.4 |     |
| 329 | Disentangling the genetics of lean mass. <i>American Journal of Clinical Nutrition</i> , <b>2019</b> , 109, 276-287   | 7    | 24  |
| 328 | Odanacatib for the treatment of postmenopausal osteoporosis: results of the LOFT multicentre, randomised, double-blind, placebo-controlled trial and LOFT Extension study. <i>Lancet Diabetes and Endocrinology</i> , <b>2019</b> , 7, 899-911        | 18.1 | 61  |
| 327 | Genetics of Bone and Muscle Interactions in Humans. <i>Current Osteoporosis Reports</i> , <b>2019</b> , 17, 86-95   | 5.4  | 21  |
| 326 | Effect of Bisphosphonates on Fracture Outcomes Among Frail Older Adults. <i>Journal of the American Geriatrics Society</i> , <b>2019</b> , 67, 768-776  | 5.6  | 18  |
| 325 | An atlas of genetic influences on osteoporosis in humans and mice. <i>Nature Genetics</i> , <b>2019</b> , 51, 258-266   | 36.3 | 270 |
| 324 | Adding Lateral Spine Imaging for Vertebral Fractures to Densitometric Screening: Improving Ascertainment of Patients at High Risk of Incident Osteoporotic Fractures. <i>Journal of Bone and Mineral Research</i> , <b>2019</b> , 34, 282-289         | 6.3  | 19  |
| 323 | Identification of Novel Loci Associated With Hip Shape: A Meta-Analysis of Genomewide Association Studies. <i>Journal of Bone and Mineral Research</i> , <b>2019</b> , 34, 241-251  | 6.3  | 32  |

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| 322 | 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> , <b>2019</b> , 7, 34-43 | 18.1 | 139 |
| 321 | The genetics of vitamin D. <i>Bone</i> , <b>2019</b> , 126, 59-77  | 4.7  | 27  |
| 320 | A Longitudinal Study of Trunk Muscle Properties and Severity of Thoracic Kyphosis in Women and Men: The Framingham Study. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , <b>2019</b> , 74, 420-427   | 6.4  | 21  |
| 319 | Higher Dairy Food Intake Is Associated With Higher Spine Quantitative Computed Tomography (QCT) Bone Measures in the Framingham Study for Men But Not Women. <i>Journal of Bone and Mineral Research</i> , <b>2018</b> , 33, 1283-1290   | 6.3  | 6   |
| 318 | A longitudinal study of disc height narrowing and facet joint osteoarthritis at the thoracic and lumbar spine, evaluated by computed tomography: the Framingham Study. <i>Spine Journal</i> , <b>2018</b> , 18, 2065-2073  | 4.18 | 18  |
| 317 | Epidemiology of hip fracture in nursing home residents with multiple sclerosis. <i>Disability and Health Journal</i> , <b>2018</b> , 11, 591-597   | 4.2  |     |
| 316 | 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. <i>Journal of Bone and Mineral Research</i> , <b>2018</b> , 33, 1001-1010    | 6.3  | 24  |
| 315 | GWAS of epigenetic aging rates in blood reveals a critical role for TERT. <i>Nature Communications</i> , <b>2018</b> , 9, 387  | 17.4 | 106 |
| 314 | Genome-wide association study in 79,366 European-ancestry individuals informs the genetic architecture of 25-hydroxyvitamin D levels. <i>Nature Communications</i> , <b>2018</b> , 9, 260  | 17.4 | 174 |
| 313 | Meta-analysis of epigenome-wide association studies of cognitive abilities. <i>Molecular Psychiatry</i> , <b>2018</b> , 23, 2133-2144  | 15.1 | 46  |
| 312 | 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. <i>Calcified Tissue International</i> , <b>2018</b> , 103, 16-23   | 3.9  | 13  |
| 311 | 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> , <b>2018</b> , 102, 88-102  | 11   | 119 |
| 310 | Genetic Determinants of Circulating Estrogen Levels and Evidence of a Causal Effect of Estradiol on Bone Density in Men. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2018</b> , 103, 991-1004   | 5.6  | 37  |
| 309 | Fracture Risk Assessment in Long-term Care (FRAiL): Development and Validation of a Prediction Model. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , <b>2018</b> , 73, 763-769   | 6.4  | 26  |
| 308 | Association Between Dietary Fiber Intake and Bone Loss in the Framingham Offspring Study. <i>Journal of Bone and Mineral Research</i> , <b>2018</b> , 33, 241-249  | 6.3  | 26  |
| 307 | Diabetes and Deficits in Cortical Bone Density, Microarchitecture, and Bone Size: Framingham HR-pQCT Study. <i>Journal of Bone and Mineral Research</i> , <b>2018</b> , 33, 54-62  | 6.3  | 96  |
| 306 | Aortic Calcification is Associated with Five-Year Decline in Handgrip Strength in Older Women. <i>Calcified Tissue International</i> , <b>2018</b> , 103, 589-598  | 3.9  | 7   |
| 305 | Association of Alendronate and Risk of Cardiovascular Events in Patients With Hip Fracture. <i>Journal of Bone and Mineral Research</i> , <b>2018</b> , 33, 1422-1434  | 6.3  | 43  |



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| 304 | Association of Clinical Outcomes With Surgical Repair of Hip Fracture vs Nonsurgical Management in Nursing Home Residents With Advanced Dementia. <i>JAMA Internal Medicine</i> , <b>2018</b> , 178, 774-780                   | 11.5 | 25  |
| 303 | Exploring causality in the association between circulating 25-hydroxyvitamin D and colorectal cancer risk: a large Mendelian randomisation study. <i>BMC Medicine</i> , <b>2018</b> , 16, 142                                  | 11.4 | 40  |
| 302 | Identification of a novel locus on chromosome 2q13, which predisposes to clinical vertebral fractures independently of bone density. <i>Annals of the Rheumatic Diseases</i> , <b>2018</b> , 77, 378-385                       | 2.4  | 15  |
| 301 | Human Genome-Wide Association Studies <b>2018</b> , 378-384  |      |     |
| 300 | Assessment of the genetic and clinical determinants of fracture risk: genome wide association and mendelian randomisation study. <i>BMJ, The</i> , <b>2018</b> , 362, k3225  | 5.9  | 114 |
| 299 | Harmonizing finite element modelling for non-invasive strength estimation by high-resolution peripheral quantitative computed tomography. <i>Journal of Biomechanics</i> , <b>2018</b> , 80, 63-71                             | 2.9  | 27  |
| 298 | Abdominal aortic calcification on dual-energy X-ray absorptiometry: Methods of assessment and clinical significance. <i>Bone</i> , <b>2017</b> , 104, 91-100   | 4.7  | 28  |
| 297 | Dairy Intake Is Protective against Bone Loss in Older Vitamin D Supplement Users: The Framingham Study. <i>Journal of Nutrition</i> , <b>2017</b> , 147, 645-652   | 4.1  | 30  |
| 296 | Dietary protein is associated with musculoskeletal health independently of dietary pattern: the Framingham Third Generation Study. <i>American Journal of Clinical Nutrition</i> , <b>2017</b> , 105, 714-722                  | 7    | 52  |
| 295 | Epigenome-wide Association of DNA Methylation in Whole Blood With Bone Mineral Density. <i>Journal of Bone and Mineral Research</i> , <b>2017</b> , 32, 1644-1650  | 6.3  | 33  |
| 294 | Addressing the Crisis in the Treatment of Osteoporosis: A Path Forward. <i>Journal of Bone and Mineral Research</i> , <b>2017</b> , 32, 424-430  | 6.3  | 91  |
| 293 | Thoracic Kyphosis and Physical Function: The Framingham Study. <i>Journal of the American Geriatrics Society</i> , <b>2017</b> , 65, 2257-2264   | 5.6  | 15  |
| 292 | Bone Strength Estimated by Micro-Finite Element Analysis (μFEA) Is Heritable and Shares Genetic Predisposition With Areal BMD: The Framingham Study. <i>Journal of Bone and Mineral Research</i> , <b>2017</b> , 32, 2151-2156 | 6.3  | 3   |
| 291 | 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> , <b>2017</b> , 101, 227-238                               | 11   | 76  |
| 290 | Large meta-analysis of genome-wide association studies identifies five loci for lean body mass. <i>Nature Communications</i> , <b>2017</b> , 8, 80   | 17.4 | 88  |
| 289 | Bivariate genome-wide association meta-analysis of pediatric musculoskeletal traits reveals pleiotropic effects at the SREBF1/TOM1L2 locus. <i>Nature Communications</i> , <b>2017</b> , 8, 121                                | 17.4 | 52  |
| 288 | Large-scale GWAS identifies multiple loci for hand grip strength providing biological insights into muscular fitness. <i>Nature Communications</i> , <b>2017</b> , 8, 16015  | 17.4 | 80  |
| 287 | 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> , <b>2017</b> , 32, 3-10                 | 6.3  | 94  |

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| 286 | Evaluation of a new approach to compute intervertebral disc height measurements from lateral radiographic views of the spine. <i>European Spine Journal</i> , <b>2017</b> , 26, 167-172  | 2.7  | 7   |
| 285 | Visceral Adipose Tissue Is Associated With Bone Microarchitecture in the Framingham Osteoporosis Study. <i>Journal of Bone and Mineral Research</i> , <b>2017</b> , 32, 143-150  | 6.3  | 37  |
| 284 | Heritability and Genetic Correlations for Bone Microarchitecture: The Framingham Study Families. <i>Journal of Bone and Mineral Research</i> , <b>2017</b> , 32, 106-114   | 6.3  | 21  |
| 283 | Association of Circulating Wnt Antagonists With Severe Abdominal Aortic Calcification in Elderly Women. <i>Journal of the Endocrine Society</i> , <b>2017</b> , 1, 26-38   | 0.4  | 15  |
| 282 | Reply to G Bahat and MA Karan. <i>American Journal of Clinical Nutrition</i> , <b>2017</b> , 106, 703  | 7    |     |
| 281 | Severity of Kyphosis and Decline in Lung Function: The Framingham Study. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , <b>2017</b> , 72, 689-694  | 6.4  | 14  |
| 280 | Antipsychotic and Benzodiazepine Drug Changes Affect Acute Falls Risk Differently in the Nursing Home. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , <b>2016</b> , 71, 273-8  | 6.4  | 35  |
| 279 | Medication Review After a Fracture-Absolutely Essential. <i>JAMA Internal Medicine</i> , <b>2016</b> , 176, 1539-1540  | 11.5 | 2   |
| 278 | Epigenetic Signatures of Cigarette Smoking. <i>Circulation: Cardiovascular Genetics</i> , <b>2016</b> , 9, 436-447   |      | 442 |
| 277 | 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. <i>Human Molecular Genetics</i> , <b>2016</b> , 25, 5234-5243 | 5.6  | 6   |
| 276 | Comparison of Handgrip and Leg Extension Strength in Predicting Slow Gait Speed in Older Adults. <i>Journal of the American Geriatrics Society</i> , <b>2016</b> , 64, 144-50  | 5.6  | 68  |
| 275 | Abdominal Aortic Calcification Identified on Lateral Spine Images From Bone Densitometers Are a Marker of Generalized Atherosclerosis in Elderly Women. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2016</b> , 36, 166-173  | 9.4  | 27  |
| 274 | New loci for body fat percentage reveal link between adiposity and cardiometabolic disease risk. <i>Nature Communications</i> , <b>2016</b> , 7, 10495   | 17.4 | 180 |
| 273 | 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> , <b>2016</b> , 71, 356-61  | 6.4  | 105 |
| 272 | Evaluation of power of the Illumina HumanOmni5M-4v1 BeadChip to detect risk variants for human complex diseases. <i>European Journal of Human Genetics</i> , <b>2016</b> , 24, 1029-34   | 5.3  | 4   |
| 271 | Associations of Computed Tomography-Based Trunk Muscle Size and Density With Balance and Falls in Older Adults. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , <b>2016</b> , 71, 811-6   | 6.4  | 38  |
| 270 | DNA methylation-based measures of biological age: meta-analysis predicting time to death. <i>Aging</i> , <b>2016</b> , 8, 1844-1865  | 5.6  | 531 |
| 269 | Genetics of Osteoporosis in Older Age <b>2016</b> , 141-155  |      | 0   |



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| 262 | Dietary Approaches for Bone Health: Lessons from the Framingham Osteoporosis Study. <i>Current Osteoporosis Reports</i> , <b>2015</b> , 13, 245-55   | 5.4  | 66  |
| 261 | GWAS of longevity in CHARGE consortium confirms APOE and FOXO3 candidacy. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , <b>2015</b> , 70, 110-8   | 6.4  | 188 |
| 260 | Developing consensus criteria for sarcopenia: an update. <i>Journal of Bone and Mineral Research</i> , <b>2015</b> , 30, 588-92  | 6.3  | 79  |
| 259 | Whole-genome sequencing identifies EN1 as a determinant of bone density and fracture. <i>Nature</i> , <b>2015</b> , 526, 112-7   | 50.4 | 308 |
| 258 | Bone Mineral Density and Protein-Derived Food Clusters from the Framingham Offspring Study. <i>Journal of the Academy of Nutrition and Dietetics</i> , <b>2015</b> , 115, 1605-1613.e1   | 3.9  | 24  |
| 257 | 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. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , <b>2015</b> , 70, 2002-8 | 6.4  | 34  |
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| 254 | Oxandrolone Augmentation of Resistance Training in Older Women: A Randomized Trial. <i>Medicine and Science in Sports and Exercise</i> , <b>2015</b> , 47, 2257-67   | 1.2  | 10  |
| 253 | Higher Protein Intake Is Associated with Higher Lean Mass and Quadriceps Muscle Strength in Adult Men and Women. <i>Journal of Nutrition</i> , <b>2015</b> , 145, 1569-75  | 4.1  | 80  |
| 252 | Smoking, Alcohol, and Bone Health <b>2015</b> , 489-504  |      | 1   |
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| 249 | Parent-of-origin-specific allelic associations among 106 genomic loci for age at menarche. <i>Nature</i> , <b>2014</b> , 514, 92-97   | 50.4 | 401  |
| 248 | Incident long-term warfarin use and risk of osteoporotic fractures: propensity-score matched cohort of elders with new onset atrial fibrillation. <i>Osteoporosis International</i> , <b>2014</b> , 25, 1677-84   | 5.3  | 26   |
| 247 | Vitamin D status and bone mineral density changes during alendronate treatment in postmenopausal osteoporosis. <i>Calcified Tissue International</i> , <b>2014</b> , 94, 153-7  | 3.9  | 15   |
| 246 | The FNIH sarcopenia project: rationale, study description, conference recommendations, and final estimates. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , <b>2014</b> , 69, 547-58   | 6.4  | 1125 |
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| 219 | Common genetic loci influencing plasma homocysteine concentrations and their effect on risk of coronary artery disease. <i>American Journal of Clinical Nutrition</i> , <b>2013</b> , 98, 668-76  | 7    | 122 |
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