

Elizabeth J Samelson

List of Publications by Year in descending order

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Version: 2024-02-01

57
papers

4,038
citations

109264

35
h-index

149623

56
g-index

57
all docs

57
docs citations

57
times ranked

5454
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Homocysteine as a Predictive Factor for Hip Fracture in Older Persons. <i>New England Journal of Medicine</i> , 2004, 350, 2042-2049. | 13.9 | 539 |
| 2 | Competing Risk of Death: An Important Consideration in Studies of Older Adults. <i>Journal of the American Geriatrics Society</i> , 2010, 58, 783-787. | 1.3 | 431 |
| 3 | 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. | 5.5 | 244 |
| 4 | Second Hip Fracture in Older Men and Women. <i>Archives of Internal Medicine</i> , 2007, 167, 1971. | 4.3 | 175 |
| 5 | 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. | 3.1 | 148 |
| 6 | 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, 1031-1036. | 1.6 | 139 |
| 7 | 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. | 1.1 | 123 |
| 8 | 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, 2206-2212. | 1.8 | 112 |
| 9 | 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, 1207-1214. | 3.1 | 110 |
| 10 | Metacarpal Cortical Area and Risk of Coronary Heart Disease: The Framingham Study. <i>American Journal of Epidemiology</i> , 2004, 159, 589-595. | 1.6 | 102 |
| 11 | 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, 858-862. | 1.5 | 100 |
| 12 | 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, 450-457. | 3.1 | 96 |
| 13 | Calcium intake is not associated with increased coronary artery calcification: the Framingham Study. <i>American Journal of Clinical Nutrition</i> , 2012, 96, 1274-1280. | 2.2 | 95 |
| 14 | Survival of Aged Nursing Home Residents With Hip Fracture. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2009, 64A, 771-777. | 1.7 | 90 |
| 15 | Long-term effects of serum cholesterol on bone mineral density in women and men: the Framingham Osteoporosis Study. <i>Bone</i> , 2004, 34, 557-561. | 1.4 | 85 |
| 16 | Vascular Calcification in Middle Age and Long-Term Risk of Hip Fracture: The Framingham Study. <i>Journal of Bone and Mineral Research</i> , 2007, 22, 1449-1454. | 3.1 | 72 |
| 17 | Issues in Conducting Epidemiologic Research Among Elders: Lessons From The MOBILIZE Boston Study. <i>American Journal of Epidemiology</i> , 2008, 168, 1444-1451. | 1.6 | 68 |
| 18 | Repeat Bone Mineral Density Screening and Prediction of Hip and Major Osteoporotic Fracture. <i>JAMA - Journal of the American Medical Association</i> , 2013, 310, 1256. | 3.8 | 63 |

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|----|---|-----|-----------|
| 19 | Application of the National Osteoporosis Foundation Guidelines to postmenopausal women and men: the Framingham Osteoporosis Study. <i>Osteoporosis International</i> , 2010, 21, 53-60. | 1.3 | 62 |
| 20 | Visceral Adipose Tissue Is Associated With Bone Microarchitecture in the Framingham Osteoporosis Study. <i>Journal of Bone and Mineral Research</i> , 2017, 32, 143-150. | 3.1 | 59 |
| 21 | Effect of Insulin Resistance on BMD and Fracture Risk in Older Adults. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2019, 104, 3303-3310. | 1.8 | 58 |
| 22 | Epidemiology of osteoporosis. <i>Current Rheumatology Reports</i> , 2006, 8, 76-83. | 2.1 | 54 |
| 23 | Increased Bone Resorption Is Associated With Increased Risk of Cardiovascular Events in Men: The MINOS Study. <i>Journal of Bone and Mineral Research</i> , 2009, 24, 2023-2031. | 3.1 | 53 |
| 24 | QCT measures of bone strength at the thoracic and lumbar spine: The Framingham study. <i>Journal of Bone and Mineral Research</i> , 2012, 27, 654-663. | 3.1 | 50 |
| 25 | Severity of aortic calcification is positively associated with vertebral fracture in older men—a densitometry study in the STRAMBO cohort. <i>Osteoporosis International</i> , 2013, 24, 1177-1184. | 1.3 | 44 |
| 26 | Reliability of vertebral fracture assessment using multidetector CT lateral scout views: the Framingham Osteoporosis Study. <i>Osteoporosis International</i> , 2011, 22, 1123-1131. | 1.3 | 43 |
| 27 | Heritability of prevalent vertebral fracture and volumetric bone mineral density and geometry at the lumbar spine in three generations of the framingham study. <i>Journal of Bone and Mineral Research</i> , 2012, 27, 954-958. | 3.1 | 43 |
| 28 | QCT Volumetric Bone Mineral Density and Vascular and Valvular Calcification: The Framingham Study. <i>Journal of Bone and Mineral Research</i> , 2015, 30, 1767-1774. | 3.1 | 42 |
| 29 | Novel Genetic Variants Associated With Increased Vertebral Volumetric BMD, Reduced Vertebral Fracture Risk, and Increased Expression of <i>SLC1A3</i> and <i>EPHB2</i> . <i>Journal of Bone and Mineral Research</i> , 2016, 31, 2085-2097. | 3.1 | 42 |
| 30 | Poor Adherence to Medications May Be Associated with Falls. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2010, 65A, 553-558. | 1.7 | 41 |
| 31 | Vertebral Size, Bone Density, and Strength in Men and Women Matched for Age and Areal Spine BMD. <i>Journal of Bone and Mineral Research</i> , 2014, 29, 562-569. | 3.1 | 41 |
| 32 | Increased Plasma Osteoprotegerin Concentrations Are Associated with Indices of Bone Strength of the Hip. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2008, 93, 1789-1795. | 1.8 | 39 |
| 33 | Intra-and inter-reader reliability of semi-automated quantitative morphometry measurements and vertebral fracture assessment using lateral scout views from computed tomography. <i>Osteoporosis International</i> , 2011, 22, 2677-2688. | 1.3 | 39 |
| 34 | Variation in risk factors for fractures at different sites. <i>Current Osteoporosis Reports</i> , 2009, 7, 127-133. | 1.5 | 38 |
| 35 | Is Kyphosis Related to Mobility, Balance, and Disability?. <i>American Journal of Physical Medicine and Rehabilitation</i> , 2013, 92, 980-989. | 0.7 | 37 |
| 36 | Management of Persistent Pain in Older Adults: The MOBILIZE Boston Study. <i>Journal of the American Geriatrics Society</i> , 2012, 60, 2081-2086. | 1.3 | 36 |

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|----|--|-----|-----------|
| 37 | Subsequent Fracture in Nursing Home Residents with a Hip Fracture: A Competing Risks Approach. <i>Journal of the American Geriatrics Society</i> , 2008, 56, 1887-1892. | 1.3 | 32 |
| 38 | Vertebral deformity, back symptoms, and functional limitations among older women: The Framingham Study. <i>Osteoporosis International</i> , 2005, 16, 1086-1095. | 1.3 | 30 |
| 39 | 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> , 2019, 74, 420-427. | 1.7 | 30 |
| 40 | Bone density and strength from thoracic and lumbar CT scans both predict incident vertebral fractures independently of fracture location. <i>Osteoporosis International</i> , 2021, 32, 261-269. | 1.3 | 28 |
| 41 | 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> , 2018, 18, 2065-2073. | 0.6 | 26 |
| 42 | Correspondence between bone mineral density and intervertebral disc degeneration across age and sex. <i>Archives of Osteoporosis</i> , 2018, 13, 123. | 1.0 | 26 |
| 43 | Identification of prevalent vertebral fractures using CT lateral scout views: a comparison of semi-automated quantitative vertebral morphometry and radiologist semi-quantitative grading. <i>Osteoporosis International</i> , 2012, 23, 1007-1016. | 1.3 | 25 |
| 44 | Quantification of lower leg arterial calcifications by high-resolution peripheral quantitative computed tomography. <i>Bone</i> , 2014, 58, 42-47. | 1.4 | 25 |
| 45 | Severity of Kyphosis and Decline in Lung Function: The Framingham Study. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2016, 72, glw124. | 1.7 | 24 |
| 46 | Bone Turnover Markers Do Not Predict Fracture Risk in Type 2 Diabetes. <i>Journal of Bone and Mineral Research</i> , 2020, 35, 2363-2371. | 3.1 | 24 |
| 47 | Bone Microarchitecture Phenotypes Identified in Older Adults Are Associated With Different Levels of Osteoporotic Fracture Risk. <i>Journal of Bone and Mineral Research</i> , 2020, 37, 428-439. | 3.1 | 24 |
| 48 | Heritability of Thoracic Spine Curvature and Genetic Correlations With Other Spine Traits: The Framingham Study. <i>Journal of Bone and Mineral Research</i> , 2016, 31, 2077-2084. | 3.1 | 22 |
| 49 | Thoracic Kyphosis and Physical Function: The Framingham Study. <i>Journal of the American Geriatrics Society</i> , 2017, 65, 2257-2264. | 1.3 | 22 |
| 50 | Psychotropic drug initiation or increased dosage and the acute risk of falls: a prospective cohort study of nursing home residents. <i>BMC Geriatrics</i> , 2013, 13, 19. | 1.1 | 18 |
| 51 | Long-Term and Recent Weight Change Are Associated With Reduced Peripheral Bone Density, Deficits in Bone Microarchitecture, and Decreased Bone Strength: The Framingham Osteoporosis Study. <i>Journal of Bone and Mineral Research</i> , 2018, 33, 1851-1858. | 3.1 | 18 |
| 52 | Risk Factors for Incident Fracture in Older Adults With Type 2 Diabetes: The Framingham Heart Study. <i>Diabetes Care</i> , 2021, 44, 1547-1555. | 4.3 | 16 |
| 53 | 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> , 2020, 35, 641-648. | 3.1 | 14 |
| 54 | Evaluation of a new approach to compute intervertebral disc height measurements from lateral radiographic views of the spine. <i>European Spine Journal</i> , 2017, 26, 167-172. | 1.0 | 10 |

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|----|---|-----|-----------|
| 55 | 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> , 2021, 5, e10485. | 1.3 | 7 |
| 56 | Association Between Liver Fat and Bone Density is Confounded by General and Visceral Adiposity in a Community-Based Cohort. <i>Obesity</i> , 2021, 29, 595-600. | 1.5 | 4 |
| 57 | Calcium Intake and Cardiovascular Disease Risk. <i>Annals of Internal Medicine</i> , 2017, 166, 684. | 2.0 | 0 |