

# Nicholas C Harvey

## List of Publications by Citations

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305  
papers

11,767  
citations

55  
h-index

101  
g-index

362  
ext. papers

15,321  
ext. citations

5.6  
avg, IF

6.58  
L-index

#	Paper	IF	Citations
305	Maternal vitamin D status during pregnancy and childhood bone mass at age 9 years: a longitudinal study. <i>Lancet, The</i> , <b>2006</b> , 367, 36-43	4.0	615
304	Secular trends in the incidence of hip and other osteoporotic fractures. <i>Osteoporosis International</i> , <b>2011</b> , 22, 1277-88	5.3	562
303	Maternal vitamin D status during pregnancy and child outcomes. <i>European Journal of Clinical Nutrition</i> , <b>2008</b> , 62, 68-77	5.2	499
302	Osteoporosis: impact on health and economics. <i>Nature Reviews Rheumatology</i> , <b>2010</b> , 6, 99-105	8.1	382
301	A Meta-Analysis of Trabecular Bone Score in Fracture Risk Prediction and Its Relationship to FRAX. <i>Journal of Bone and Mineral Research</i> , <b>2016</b> , 31, 940-8	6.3	346
300	Review: developmental origins of osteoporotic fracture. <i>Osteoporosis International</i> , <b>2006</b> , 17, 337-47	5.3	296
299	An atlas of genetic influences on osteoporosis in humans and mice. <i>Nature Genetics</i> , <b>2019</b> , 51, 258-266	36.3	270
298	Trabecular bone score (TBS) as a new complementary approach for osteoporosis evaluation in clinical practice. <i>Bone</i> , <b>2015</b> , 78, 216-24	4.7	268
297	Burden of high fracture probability worldwide: secular increases 2010-2040. <i>Osteoporosis International</i> , <b>2015</b> , 26, 2243-8	5.3	245
296	Nutrition and physical activity in the prevention and treatment of sarcopenia: systematic review. <i>Osteoporosis International</i> , <b>2017</b> , 28, 1817-1833	5.3	243
295	Identification of 153 new loci associated with heel bone mineral density and functional involvement of GPC6 in osteoporosis. <i>Nature Genetics</i> , <b>2017</b> , 49, 1468-1475	36.3	235
294	Low maternal vitamin D status and fetal bone development: cohort study. <i>Journal of Bone and Mineral Research</i> , <b>2010</b> , 25, 14-9	6.3	228
293	A systematic review of intervention thresholds based on FRAX : A report prepared for the National Osteoporosis Guideline Group and the International Osteoporosis Foundation. <i>Archives of Osteoporosis</i> , <b>2016</b> , 11, 25	2.9	228
292	Epidemiology of fractures in the United Kingdom 1988-2012: Variation with age, sex, geography, ethnicity and socioeconomic status. <i>Bone</i> , <b>2016</b> , 87, 19-26	4.7	196
291	Vitamin D supplementation in pregnancy: a systematic review. <i>Health Technology Assessment</i> , <b>2014</b> , 18, 1-190	4.4	187
290	Objectively measured physical activity in four-year-old British children: a cross-sectional analysis of activity patterns segmented across the day. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , <b>2014</b> , 11, 1	8.4	174
289	Greater risk of severe COVID-19 in Black, Asian and Minority Ethnic populations is not explained by cardiometabolic, socioeconomic or behavioural factors, or by 25(OH)-vitamin D status: study of 1326 cases from the UK Biobank. <i>Journal of Public Health</i> , <b>2020</b> , 42, 451-460	3.5	168

288	Imminent risk of fracture after fracture. <i>Osteoporosis International</i> , <b>2017</b> , 28, 775-780	5.3	160
287	Advanced body composition assessment: from body mass index to body composition profiling. <i>Journal of Investigative Medicine</i> , <b>2018</b> , 66, 1-9	2.9	150
286	Fragility fractures in Europe: burden, management and opportunities. <i>Archives of Osteoporosis</i> , <b>2020</b> , 15, 59	2.9	147
285	Maternal gestational vitamin D supplementation and offspring bone health (MAVIDOS): a multicentre, double-blind, randomised placebo-controlled trial. <i>Lancet Diabetes and Endocrinology</i> , <b>2016</b> , 4, 393-402	18.1	142
284	Maternal vitamin D status in pregnancy is associated with adiposity in the offspring: findings from the Southampton Women's Survey. <i>American Journal of Clinical Nutrition</i> , <b>2012</b> , 96, 57-63	7	128
283	The impact of fragility fracture and approaches to osteoporosis risk assessment worldwide. <i>Bone</i> , <b>2017</b> , 104, 29-38	4.7	118
282	Antidepressant medications and osteoporosis. <i>Bone</i> , <b>2012</b> , 51, 606-13	4.7	118
281	Algorithm for the management of patients at low, high and very high risk of osteoporotic fractures. <i>Osteoporosis International</i> , <b>2020</b> , 31, 1-12	5.3	116
280	Adjusting fracture probability by trabecular bone score. <i>Calcified Tissue International</i> , <b>2015</b> , 96, 500-9	3.9	107
279	Modifiable early-life risk factors for childhood adiposity and overweight: an analysis of their combined impact and potential for prevention. <i>American Journal of Clinical Nutrition</i> , <b>2015</b> , 101, 368-75	7	101
278	Dietary Inflammatory Index and Non-Communicable Disease Risk: A Narrative Review. <i>Nutrients</i> , <b>2019</b> , 11,	6.7	100
277	Parental determinants of neonatal body composition. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2007</b> , 92, 523-6	5.6	100
276	Osteoporosis: a lifecourse approach. <i>Journal of Bone and Mineral Research</i> , <b>2014</b> , 29, 1917-25	6.3	96
275	Physical activity intensity, sedentary time, and body composition in preschoolers. <i>American Journal of Clinical Nutrition</i> , <b>2013</b> , 97, 1020-8	7	95
274	The role of calcium supplementation in healthy musculoskeletal ageing : An expert consensus meeting of the European Society for Clinical and Economic Aspects of Osteoporosis, Osteoarthritis and Musculoskeletal Diseases (ESCEO) and the International Foundation for Osteoporosis (IOF). <i>Osteoporosis International</i> , <b>2017</b> , 28, 447-462	5.3	93
273	Identification and management of patients at increased risk of osteoporotic fracture: outcomes of an ESCEO expert consensus meeting. <i>Osteoporosis International</i> , <b>2017</b> , 28, 2023-2034	5.3	88
272	The osteoporosis treatment gap. <i>Journal of Bone and Mineral Research</i> , <b>2014</b> , 29, 1926-8	6.3	87
271	Developmental Origins of Health and Disease: A Lifecourse Approach to the Prevention of Non-Communicable Diseases. <i>Healthcare (Switzerland)</i> , <b>2017</b> , 5,	3.4	82

270	The UK Biobank imaging enhancement of 100,000 participants: rationale, data collection, management and future directions. <i>Nature Communications</i> , <b>2020</b> , 11, 2624	17.4	81
269	Intervention Thresholds and the Diagnosis of Osteoporosis. <i>Journal of Bone and Mineral Research</i> , <b>2015</b> , 30, 1747-53	6.3	79
268	84 COVID-19 and Associations with Frailty and Multimorbidity: A Prospective Analysis of UK Biobank Participants. <i>Age and Ageing</i> , <b>2021</b> , 50, i12-i42	3	78
267	P113 How has COVID-19 affected the treatment of osteoporosis? The answers from a global survey. <i>Rheumatology</i> , <b>2021</b> , 60,	3.9	78
266	Mortality in British hip fracture patients, 2000-2010: a population-based retrospective cohort study. <i>Bone</i> , <b>2014</b> , 66, 171-7	4.7	75
265	The effect of maternal vitamin D concentration on fetal bone. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2012</b> , 97, E2070-7	5.6	73
264	Activity levels in mothers and their preschool children. <i>Pediatrics</i> , <b>2014</b> , 133, e973-80	7.4	72
263	State of the art in osteoporosis risk assessment and treatment. <i>Journal of Endocrinological Investigation</i> , <b>2019</b> , 42, 1149-1164	5.2	71
262	Clinical risk factors, bone density and fall history in the prediction of incident fracture among men and women. <i>Bone</i> , <b>2013</b> , 52, 541-7	4.7	71
261	Comparison of Methods for Improving Fracture Risk Assessment in Diabetes: The Manitoba BMD Registry. <i>Journal of Bone and Mineral Research</i> , <b>2018</b> , 33, 1923-1930	6.3	67
260	Characteristics of recurrent fractures. <i>Osteoporosis International</i> , <b>2018</b> , 29, 1747-1757	5.3	66
259	A brief history of FRAX. <i>Archives of Osteoporosis</i> , <b>2018</b> , 13, 118	2.9	66
258	Facilitated transporters mediate net efflux of amino acids to the fetus across the basal membrane of the placental syncytiotrophoblast. <i>Journal of Physiology</i> , <b>2011</b> , 589, 987-97	3.9	64
257	Fracture prediction, imaging and screening in osteoporosis. <i>Nature Reviews Endocrinology</i> , <b>2019</b> , 15, 535-547	5.4	62
256	Increased fat mass is associated with increased bone size but reduced volumetric density in pre pubertal children. <i>Bone</i> , <b>2012</b> , 50, 562-7	4.7	61
255	Placental calcium transporter (PMCA3) gene expression predicts intrauterine bone mineral accrual. <i>Bone</i> , <b>2007</b> , 40, 1203-8	4.7	61
254	Maternal predictors of neonatal bone size and geometry: the Southampton Women's Survey. <i>Journal of Developmental Origins of Health and Disease</i> , <b>2010</b> , 1, 35-41	2.4	60
253	Predictive ability of heel quantitative ultrasound for incident fractures: an individual-level meta-analysis. <i>Osteoporosis International</i> , <b>2015</b> , 26, 1979-87	5.3	58

252	FRAX Update. <i>Journal of Clinical Densitometry</i> , <b>2017</b> , 20, 360-367	3.5	57
251	The epidemiology of osteoporosis. <i>British Medical Bulletin</i> , <b>2020</b> , 133, 105-117	5.4	56
250	Childhood bone mineral content is associated with methylation status of the RXRA promoter at birth. <i>Journal of Bone and Mineral Research</i> , <b>2014</b> , 29, 600-7	6.3	54
249	Ethnic and geographic variations in the epidemiology of childhood fractures in the United Kingdom. <i>Bone</i> , <b>2016</b> , 85, 9-14	4.7	53
248	Maternal dietary glycemic index and glycemic load in early pregnancy are associated with offspring adiposity in childhood: the Southampton Women's Survey. <i>American Journal of Clinical Nutrition</i> , <b>2014</b> , 100, 676-83	7	51
247	Paternal skeletal size predicts intrauterine bone mineral accrual. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2008</b> , 93, 1676-81	5.6	50
246	MAVIDOS Maternal Vitamin D Osteoporosis Study: study protocol for a randomized controlled trial. The MAVIDOS Study Group. <i>Trials</i> , <b>2012</b> , 13, 13	2.8	47
245	Trends in oral anti-osteoporosis drug prescription in the United Kingdom between 1990 and 2012: Variation by age, sex, geographic location and ethnicity. <i>Bone</i> , <b>2017</b> , 94, 50-55	4.7	47
244	FRAX and fracture prediction without bone mineral density. <i>Climacteric</i> , <b>2015</b> , 18 Suppl 2, 2-9	3.1	46
243	Measures of Physical Performance and Muscle Strength as Predictors of Fracture Risk Independent of FRAX, Falls, and aBMD: A Meta-Analysis of the Osteoporotic Fractures in Men (MrOS) Study. <i>Journal of Bone and Mineral Research</i> , <b>2018</b> , 33, 2150-2157	6.3	42
242	Diet quality across early childhood and adiposity at 6 years: the Southampton Women's Survey. <i>International Journal of Obesity</i> , <b>2015</b> , 39, 1456-62	5.5	40
241	The Cost-Effectiveness of Screening in the Community to Reduce Osteoporotic Fractures in Older Women in the UK: Economic Evaluation of the SCOOP Study. <i>Journal of Bone and Mineral Research</i> , <b>2018</b> , 33, 845-851	6.3	40
240	Secular trends in fracture incidence in the UK between 1990 and 2012. <i>Osteoporosis International</i> , <b>2016</b> , 27, 3197-3206	5.3	40
239	Different indices of fetal growth predict bone size and volumetric density at 4 years of age. <i>Journal of Bone and Mineral Research</i> , <b>2010</b> , 25, 920-7	6.3	40
238	Evaluation of methylation status of the eNOS promoter at birth in relation to childhood bone mineral content. <i>Calcified Tissue International</i> , <b>2012</b> , 90, 120-7	3.9	39
237	DNA methylation at birth within the promoter of ANRIL predicts markers of cardiovascular risk at 9 years. <i>Clinical Epigenetics</i> , <b>2016</b> , 8, 90	7.7	39
236	Recommendations for the conduct of economic evaluations in osteoporosis: outcomes of an experts' consensus meeting organized by the European Society for Clinical and Economic Aspects of Osteoporosis, Osteoarthritis and Musculoskeletal Diseases (ESCEO) and the US branch of the International Osteoporosis Foundation. <i>Osteoporosis International</i> , <b>2019</b> , 30, 45-57	5.3	39
235	A decade of FRAX: how has it changed the management of osteoporosis?. <i>Aging Clinical and Experimental Research</i> , <b>2020</b> , 32, 187-196	4.8	38

234	Maternal antenatal vitamin D status and offspring muscle development: findings from the Southampton Women's Survey. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2014</b> , 99, 330-7	5.6	38
233	Physical activity, calcium intake and childhood bone mineral: a population-based cross-sectional study. <i>Osteoporosis International</i> , <b>2012</b> , 23, 121-30	5.3	37
232	FRAX- vs. T-score-based intervention thresholds for osteoporosis. <i>Osteoporosis International</i> , <b>2017</b> , 28, 3099-3105	5.3	36
231	Management of Patients With High Baseline Hip Fracture Risk by FRAX Reduces Hip Fractures-A Post Hoc Analysis of the SCOOP Study. <i>Journal of Bone and Mineral Research</i> , <b>2018</b> , 33, 1020-1026	6.3	35
230	Vitamin D and skeletal health in infancy and childhood. <i>Osteoporosis International</i> , <b>2014</b> , 25, 2673-84	5.3	35
229	The Effect of Abaloparatide-SC on Fracture Risk Is Independent of Baseline FRAX Fracture Probability: A Post Hoc Analysis of the ACTIVE Study. <i>Journal of Bone and Mineral Research</i> , <b>2017</b> , 32, 1625-1631	6.3	34
228	FRAX predicts incident falls in elderly men: findings from MrOs Sweden. <i>Osteoporosis International</i> , <b>2016</b> , 27, 267-74	5.3	34
227	Breast-feeding and adherence to infant feeding guidelines do not influence bone mass at age 4 years. <i>British Journal of Nutrition</i> , <b>2009</b> , 102, 915-20	3.6	34
226	Reprint of: The impact of fragility fracture and approaches to osteoporosis risk assessment worldwide. <i>International Journal of Orthopaedic and Trauma Nursing</i> , <b>2017</b> , 26, 7-17	1.1	33
225	Modifiable risk factors of maternal postpartum weight retention: an analysis of their combined impact and potential opportunities for prevention. <i>International Journal of Obesity</i> , <b>2017</b> , 41, 1091-1098	5.5	33
224	Response to Antenatal Cholecalciferol Supplementation Is Associated With Common Vitamin D-Related Genetic Variants. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2017</b> , 102, 2941-2949	5.6	32
223	Tracking of 25-hydroxyvitamin D status during pregnancy: the importance of vitamin D supplementation. <i>American Journal of Clinical Nutrition</i> , <b>2015</b> , 102, 1081-7	7	32
222	Association between perinatal methylation of the neuronal differentiation regulator HES1 and later childhood neurocognitive function and behaviour. <i>International Journal of Epidemiology</i> , <b>2015</b> , 44, 1263-76	7.8	32
221	SCOPE 2021: a new scorecard for osteoporosis in Europe. <i>Archives of Osteoporosis</i> , <b>2021</b> , 16, 82	2.9	32
220	Placental amino acid transport may be regulated by maternal vitamin D and vitamin D-binding protein: results from the Southampton Women's Survey. <i>British Journal of Nutrition</i> , <b>2015</b> , 113, 1903-10	3.6	31
219	Early life factors in the pathogenesis of osteoporosis. <i>Current Osteoporosis Reports</i> , <b>2009</b> , 7, 140-4	5.4	31
218	The use of incretins and fractures - a meta-analysis on population-based real life data. <i>British Journal of Clinical Pharmacology</i> , <b>2017</b> , 83, 923-926	3.8	30
217	Recent advances in the pathogenesis and treatment of osteoporosis. <i>Clinical Medicine</i> , <b>2015</b> , 15 Suppl 6, s92-6	1.9	30

216	Falls Predict Fractures Independently of FRAX Probability: A Meta-Analysis of the Osteoporotic Fractures in Men (MrOS) Study. <i>Journal of Bone and Mineral Research</i> , <b>2018</b> , 33, 510-516	6.3	30
215	Efficacy of weekly teriparatide does not vary by baseline fracture probability calculated using FRAX. <i>Osteoporosis International</i> , <b>2015</b> , 26, 2347-53	5.3	29
214	Fracture risk following high-trauma versus low-trauma fracture: a registry-based cohort study. <i>Osteoporosis International</i> , <b>2020</b> , 31, 1059-1067	5.3	29
213	Determinants of the Maternal 25-Hydroxyvitamin D Response to Vitamin D Supplementation During Pregnancy. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2016</b> , 101, 5012-5020	5.6	27
212	Intrauterine growth and postnatal skeletal development: findings from the Southampton Women's Survey. <i>Paediatric and Perinatal Epidemiology</i> , <b>2012</b> , 26, 34-44	2.7	27
211	ENDOCRINOLOGY IN PREGNANCY: Influence of maternal vitamin D status on obstetric outcomes and the fetal skeleton. <i>European Journal of Endocrinology</i> , <b>2015</b> , 173, R69-83	6.5	26
210	FRAX and the effect of teriparatide on vertebral and non-vertebral fracture. <i>Osteoporosis International</i> , <b>2015</b> , 26, 2677-84	5.3	26
209	Is the Swedish FRAX model appropriate for Swedish immigrants?. <i>Osteoporosis International</i> , <b>2015</b> , 26, 2617-22	5.3	26
208	Cardiac magnetic resonance radiomics: basic principles and clinical perspectives. <i>European Heart Journal Cardiovascular Imaging</i> , <b>2020</b> , 21, 349-356	4.1	26
207	Maternal vitamin D supplementation during pregnancy. <i>British Medical Bulletin</i> , <b>2018</b> , 126, 57-77	5.4	26
206	Recent advances in the pathogenesis and treatment of osteoporosis. <i>Clinical Medicine</i> , <b>2016</b> , 16, 360-4	1.9	26
205	Maternal and seasonal predictors of change in calcaneal quantitative ultrasound during pregnancy. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2005</b> , 90, 5182-7	5.6	26
204	COVID-19 and associations with frailty and multimorbidity: a prospective analysis of UK Biobank participants. <i>Aging Clinical and Experimental Research</i> , <b>2020</b> , 32, 1897-1905	4.8	26
203	Adjusting conventional FRAX estimates of fracture probability according to the recency of sentinel fractures. <i>Osteoporosis International</i> , <b>2020</b> , 31, 1817-1828	5.3	25
202	FRAX updates 2016. <i>Current Opinion in Rheumatology</i> , <b>2016</b> , 28, 433-41	5.3	25
201	The epidemiology of mortality after fracture in England: variation by age, sex, time, geographic location, and ethnicity. <i>Osteoporosis International</i> , <b>2017</b> , 28, 161-168	5.3	25
200	Maternal Factors Are Associated with the Expression of Placental Genes Involved in Amino Acid Metabolism and Transport. <i>PLoS ONE</i> , <b>2015</b> , 10, e0143653	3.7	25
199	Perinatal DNA Methylation at CDKN2A Is Associated With Offspring Bone Mass: Findings From the Southampton Women's Survey. <i>Journal of Bone and Mineral Research</i> , <b>2017</b> , 32, 2030-2040	6.3	24



198	Performance of FRAX in Women with Breast Cancer Initiating Aromatase Inhibitor Therapy: A Registry-Based Cohort Study. <i>Journal of Bone and Mineral Research</i> , <b>2019</b> , 34, 1428-1435	6.3	24
197	The developmental origins of osteoporotic fracture. <i>The Journal of the British Menopause Society</i> , <b>2004</b> , 10, 14-5, 29		24
196	Risk-equivalent T-score adjustment for using lumbar spine trabecular bone score (TBS): the Manitoba BMD registry. <i>Osteoporosis International</i> , <b>2018</b> , 29, 751-758	5.3	23
195	SIGN Guidelines for Scotland: BMD Versus FRAX Versus QFracture. <i>Calcified Tissue International</i> , <b>2016</b> , 98, 417-25	3.9	23
194	Duration of sleep at 3½ years of age is associated with fat and fat-free mass at 4½ years of age: the Southampton Women's Survey. <i>Journal of Sleep Research</i> , <b>2016</b> , 25, 412-8	5.8	22
193	Maternal stress and psychological distress preconception: association with offspring atopic eczema at age 12 months. <i>Clinical and Experimental Allergy</i> , <b>2017</b> , 47, 760-769	4.1	21
192	Correlates of light and moderate-to-vigorous objectively measured physical activity in four-year-old children. <i>PLoS ONE</i> , <b>2013</b> , 8, e74934	3.7	21
191	Is there a role for menopausal hormone therapy in the management of postmenopausal osteoporosis?. <i>Osteoporosis International</i> , <b>2020</b> , 31, 2271-2286	5.3	20
190	Effects of abaloparatide on bone mineral density and risk of fracture in postmenopausal women aged 80 years or older with osteoporosis. <i>Menopause</i> , <b>2018</b> , 25, 767-771	2.5	20
189	Prenatal calcium and vitamin D intake, and bone mass in later life. <i>Current Osteoporosis Reports</i> , <b>2014</b> , 12, 194-204	5.4	20
188	Bisphosphonates in osteoporosis: NICE and easy?. <i>Lancet, The</i> , <b>2017</b> , 390, 2243-2244	4.0	20
187	Epidemiology of fractures in Armenia: development of a country-specific FRAX model and comparison to its surrogate. <i>Archives of Osteoporosis</i> , <b>2017</b> , 12, 98	2.9	20
186	Placental size at 19 weeks predicts offspring bone mass at birth: findings from the Southampton Women's Survey. <i>Placenta</i> , <b>2012</b> , 33, 623-629	3.4	20
185	Gestational Vitamin D Supplementation Leads to Reduced Perinatal RXRA DNA Methylation: Results From the MAVIDOS Trial. <i>Journal of Bone and Mineral Research</i> , <b>2019</b> , 34, 231-240	6.3	19
184	Further evidence of the developmental origins of osteoarthritis: results from the Hertfordshire Cohort Study. <i>Journal of Developmental Origins of Health and Disease</i> , <b>2014</b> , 5, 453-8	2.4	18
183	Epidemiology of osteoporotic fracture in Moldova and development of a country-specific FRAX model. <i>Archives of Osteoporosis</i> , <b>2020</b> , 15, 13	2.9	17
182	Is allopurinol use associated with an excess risk of osteoporotic fracture? A National Prescription Registry study. <i>Archives of Osteoporosis</i> , <b>2015</b> , 10, 36	2.9	16
181	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



180	Improving recruitment to clinical trials during pregnancy: A mixed methods investigation. <i>Social Science and Medicine</i> , <b>2018</b> , 200, 73-82	5.1	16
179	Calcium and Vitamin D Supplementation Are Not Associated With Risk of Incident Ischemic Cardiac Events or Death: Findings From the UK Biobank Cohort. <i>Journal of Bone and Mineral Research</i> , <b>2018</b> , 33, 803-811	6.3	16
178	Southampton PRenancy Intervention for the Next Generation (SPRING): protocol for a randomised controlled trial. <i>Trials</i> , <b>2016</b> , 17, 493	2.8	16
177	Risk of vertebral and non-vertebral fractures in patients with sarcoidosis: a population-based cohort. <i>Osteoporosis International</i> , <b>2016</b> , 27, 1603-1610	5.3	16
176	DNA methylation of amino acid transporter genes in the human placenta. <i>Placenta</i> , <b>2017</b> , 60, 64-73	3.4	16
175	Epidemiology of hip fracture and the development of FRAX in Ukraine. <i>Archives of Osteoporosis</i> , <b>2017</b> , 12, 53	2.9	16
174	Assessment of Cardiovascular Safety of Anti-Osteoporosis Drugs. <i>Drugs</i> , <b>2020</b> , 80, 1537-1552	12.1	16
173	Maternal serum retinol and $\beta$ -carotene concentrations and neonatal bone mineralization: results from the Southampton Women's Survey cohort. <i>American Journal of Clinical Nutrition</i> , <b>2016</b> , 104, 1183-1188	7.88	16
172	Site-Dependent Reference Point Microindentation Complements Clinical Measures for Improved Fracture Risk Assessment at the Human Femoral Neck. <i>Journal of Bone and Mineral Research</i> , <b>2016</b> , 31, 196-203	6.3	15
171	Associations of maternal dietary inflammatory potential and quality with offspring birth outcomes: An individual participant data pooled analysis of 7 European cohorts in the ALPHABET consortium. <i>PLoS Medicine</i> , <b>2021</b> , 18, e1003491	11.6	15
170	Maternal dietary quality, inflammatory potential and childhood adiposity: an individual participant data pooled analysis of seven European cohorts in the ALPHABET consortium. <i>BMC Medicine</i> , <b>2021</b> , 19, 33	11.4	15
169	Seasonal variation in Internet searches for vitamin D. <i>Archives of Osteoporosis</i> , <b>2017</b> , 12, 28	2.9	14
168	Longitudinal changes in lean mass predict pQCT measures of tibial geometry and mineralisation at 6-7 years. <i>Bone</i> , <b>2015</b> , 75, 105-110	4.7	14
167	Epidemiology of hip fracture in Belarus: development of a country-specific FRAX model and its comparison to neighboring country models. <i>Archives of Osteoporosis</i> , <b>2018</b> , 13, 42	2.9	14
166	Higher maternal serum concentrations of nicotinamide and related metabolites in late pregnancy are associated with a lower risk of offspring atopic eczema at age 12 months. <i>Clinical and Experimental Allergy</i> , <b>2016</b> , 46, 1337-43	4.1	14
165	Chronic widespread bodily pain is increased among individuals with history of fracture: findings from UK Biobank. <i>Archives of Osteoporosis</i> , <b>2016</b> , 11, 1	2.9	14
164	Vitamin D and coronavirus disease 2019 (COVID-19): rapid evidence review. <i>Aging Clinical and Experimental Research</i> , <b>2021</b> , 33, 2031-2041	4.8	14
163	Cost-effective but clinically inappropriate: new NICE intervention thresholds in osteoporosis (Technology Appraisal 464). <i>Osteoporosis International</i> , <b>2018</b> , 29, 1511-1513	5.3	13

162	The Epidemiology of Osteoporotic Fractures <b>2013</b> , 348-356		13
161	Renin-Angiotensin-Aldosterone System Blockers Are Not Associated With Coronavirus Disease 2019 (COVID-19) Hospitalization: Study of 1,439 UK Biobank Cases. <i>Frontiers in Cardiovascular Medicine</i> , <b>2020</b> , 7, 138	5.4	13
160	Shorter leukocyte telomere length is associated with adverse COVID-19 outcomes: A cohort study in UK Biobank. <i>EBioMedicine</i> , <b>2021</b> , 70, 103485	8.8	13
159	The Effect of Vitamin D Supplementation on Hepcidin, Iron Status, and Inflammation in Pregnant Women in the United Kingdom. <i>Nutrients</i> , <b>2019</b> , 11,	6.7	12
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157	Fracture prediction from self-reported falls in routine clinical practice: a registry-based cohort study. <i>Osteoporosis International</i> , <b>2019</b> , 30, 2195-2203	5.3	12
156	Access to fracture risk assessment by FRAX and linked National Osteoporosis Guideline Group (NOGG) guidance in the UK-an analysis of anonymous website activity. <i>Osteoporosis International</i> , <b>2017</b> , 28, 71-76	5.3	12
155	Maternal 25-hydroxyvitamin D levels in relation to offspring respiratory symptoms and infections. <i>European Respiratory Journal</i> , <b>2014</b> , 43, 1181-3	13.6	12
154	The impact of menopausal hormone therapy (MHT) on cardiac structure and function: Insights from the UK Biobank imaging enhancement study. <i>PLoS ONE</i> , <b>2018</b> , 13, e0194015	3.7	12
153	FUT2 Genetic Variants and Reported Respiratory and Gastrointestinal Illnesses During Infancy. <i>Journal of Infectious Diseases</i> , <b>2019</b> , 219, 836-843	7	12
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151	Social inequality and fractures-secular trends in the Danish population: a case-control study. <i>Osteoporosis International</i> , <b>2018</b> , 29, 2243-2250	5.3	12
150	Factors associated with potentially serious incidental findings and with serious final diagnoses on multi-modal imaging in the UK Biobank Imaging Study: A prospective cohort study. <i>PLoS ONE</i> , <b>2019</b> , 14, e0218267	3.7	11
149	Differences in childhood adiposity influence upper limb fracture site. <i>Bone</i> , <b>2015</b> , 79, 88-93	4.7	11
148	How can we best use opportunities provided by routine maternity care to engage women in improving their diets and health?. <i>Maternal and Child Nutrition</i> , <b>2020</b> , 16, e12900	3.4	11
147	An assessment of intervention thresholds for very high fracture risk applied to the NOGG guidelines : A report for the National Osteoporosis Guideline Group (NOGG). <i>Osteoporosis International</i> , <b>2021</b> , 32, 1951-1960	5.3	11
146	Differential SLC6A4 methylation: a predictive epigenetic marker of adiposity from birth to adulthood. <i>International Journal of Obesity</i> , <b>2019</b> , 43, 974-988	5.5	11
145	Osteoporosis and fractures in women: the burden of disease. <i>Climacteric</i> , <b>2021</b> , 1-7	3.1	11

144	Maternal awareness of young children's physical activity: levels and cross-sectional correlates of overestimation. <i>BMC Public Health</i> , <b>2013</b> , 13, 924	4.1	10
143	Measured height loss predicts incident clinical fractures independently from FRAX: a registry-based cohort study. <i>Osteoporosis International</i> , <b>2020</b> , 31, 1079-1087	5.3	10
142	Bone mineral content and areal density, but not bone area, predict an incident fracture risk: a comparative study in a UK prospective cohort. <i>Archives of Osteoporosis</i> , <b>2016</b> , 11, 39	2.9	10
141	Placental Size Is Associated Differentially With Postnatal Bone Size and Density. <i>Journal of Bone and Mineral Research</i> , <b>2016</b> , 31, 1855-1864	6.3	10
140	Deriving the Dietary Approaches to Stop Hypertension (DASH) Score in Women from Seven Pregnancy Cohorts from the European ALPHABET Consortium. <i>Nutrients</i> , <b>2019</b> , 11,	6.7	10
139	Vitamin D, and Maternal and Child Health. <i>Calcified Tissue International</i> , <b>2020</b> , 106, 30-46	3.9	10
138	Vertebral fracture: epidemiology, impact and use of DXA vertebral fracture assessment in fracture liaison services. <i>Osteoporosis International</i> , <b>2021</b> , 32, 399-411	5.3	10
137	How has COVID-19 affected the treatment of osteoporosis? An IOF-NOF-ESCEO global survey. <i>Osteoporosis International</i> , <b>2021</b> , 32, 611-617	5.3	10
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131	Low risk for hip fracture and high risk for hip arthroplasty due to osteoarthritis among Swedish farmers. <i>Osteoporosis International</i> , <b>2018</b> , 29, 741-749	5.3	8
130	Relation of placental alkaline phosphatase expression in human term placenta with maternal and offspring fat mass. <i>International Journal of Obesity</i> , <b>2018</b> , 42, 1202-1210	5.5	8
129	The relationship between maternal self-efficacy, compliance and outcome in a trial of vitamin D supplementation in pregnancy. <i>Osteoporosis International</i> , <b>2017</b> , 28, 77-84	5.3	8
128	Fetal and infant growth predict hip geometry at 6 y old: findings from the Southampton Women's Survey. <i>Pediatric Research</i> , <b>2013</b> , 74, 450-6	3.2	8
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126	The effect on subsequent fracture risk of age, sex, and prior fracture site by recency of prior fracture. <i>Osteoporosis International</i> , <b>2021</b> , 32, 1547-1555	5.3	8
125	Vitamin D and bone development. <i>Osteoporosis International</i> , <b>2015</b> , 26, 1449-51	5.3	7
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123	Determinants of fracture risk in osteoporosis. <i>Current Rheumatology Reports</i> , <b>2003</b> , 5, 75-81	4.9	7
122	Epidemiology of hip fracture and the development of a FRAX model for Uzbekistan. <i>Archives of Osteoporosis</i> , <b>2020</b> , 15, 119	2.9	7
121	Adverse cardiovascular magnetic resonance phenotypes are associated with greater likelihood of incident coronavirus disease 2019: findings from the UK Biobank. <i>Aging Clinical and Experimental Research</i> , <b>2021</b> , 33, 1133-1144	4.8	7
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119	The use of 2-, 5-, and 10-year probabilities to characterize fracture risk after a recent sentinel fracture. <i>Osteoporosis International</i> , <b>2021</b> , 32, 47-54	5.3	7
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117	Switching to biosimilar infliximab: real world data in patients with severe inflammatory arthritis. <i>Clinical and Experimental Rheumatology</i> , <b>2018</b> , 36, 171-172	2.2	7
116	Greater access to fast-food outlets is associated with poorer bone health in young children. <i>Osteoporosis International</i> , <b>2016</b> , 27, 1011-1019	5.3	6
115	Temporal changes in access to FRAX <sup>®</sup> in Thailand between 2010 and 2018. <i>Archives of Osteoporosis</i> , <b>2019</b> , 14, 66	2.9	6
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113	Loss in DXA-estimated total body lean mass but not fat mass predicts incident major osteoporotic fracture and hip fracture independently from FRAX: a registry-based cohort study. <i>Archives of Osteoporosis</i> , <b>2020</b> , 15, 96	2.9	6
112	General and Specific Considerations as to why Osteoporosis-Related Care Is Often Suboptimal. <i>Current Osteoporosis Reports</i> , <b>2020</b> , 18, 38-46	5.4	6
111	Weight Trajectories from Birth and Bone Mineralization at 7 Years of Age. <i>Journal of Pediatrics</i> , <b>2017</b> , 191, 117-124.e2	3.6	6
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109	Prior fragility fracture and risk of incident ischaemic cardiovascular events: results from UK Biobank. <i>Osteoporosis International</i> , <b>2018</b> , 29, 1321-1328	5.3	5

108	On epidemiology of fractures and variation with age and ethnicity. <i>Bone</i> , <b>2016</b> , 93, 230-231	4.7	5
107	Arachidonic acid and DHA status in pregnant women is not associated with cognitive performance of their children at 4 or 6-7 years. <i>British Journal of Nutrition</i> , <b>2018</b> , 119, 1400-1407	3.6	5
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103	Epidemiology of hip fractures in Bulgaria: development of a country-specific FRAX model. <i>Archives of Osteoporosis</i> , <b>2020</b> , 15, 28	2.9	4
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100	FRAX-based intervention and assessment thresholds for osteoporosis in Iran. <i>Osteoporosis International</i> , <b>2019</b> , 30, 2225-2230	5.3	4
99	Assessing the risk of osteoporotic fractures: the Ecuadorian FRAX model. <i>Archives of Osteoporosis</i> , <b>2019</b> , 14, 93	2.9	4
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97	Identification of patient profile for treatment. <i>Best Practice and Research in Clinical Endocrinology and Metabolism</i> , <b>2014</b> , 28, 767-82	6.5	4
96	Osteoporosis in Europe: a compendium of country-specific reports.. <i>Archives of Osteoporosis</i> , <b>2022</b> , 17, 23	2.9	4
95	Rheumatoid arthritis and bone health. <i>Clinical Medicine</i> , <b>2020</b> , 20, 565-567	1.9	4
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93	Repeatability of Cardiac Magnetic Resonance Radiomics: A Multi-Centre Multi-Vendor Test-Retest Study. <i>Frontiers in Cardiovascular Medicine</i> , <b>2020</b> , 7, 586236	5.4	4
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90	Vitamin D concentration, body mass index, ethnicity and SARS-CoV-2/COVID-19: initial analysis of the first- reported UK Biobank Cohort positive cases (n 1474) compared with negative controls (n 4643). <i>Proceedings of the Nutrition Society</i> , <b>2021</b> , 80,	2.9	4
89	Romosozumab efficacy on fracture outcomes is greater in patients at high baseline fracture risk: a post hoc analysis of the first year of the frame study. <i>Osteoporosis International</i> , <b>2021</b> , 32, 1601-1608	5.3	4
88	Automated Quality-Controlled Cardiovascular Magnetic Resonance Pericardial Fat Quantification Using a Convolutional Neural Network in the UK Biobank. <i>Frontiers in Cardiovascular Medicine</i> , <b>2021</b> , 8, 677574	5.4	4
87	Prediction of imminent fracture risk in Canadian women and men aged 45 years or older: external validation of the Fracture Risk Evaluation Model (FREM). <i>Osteoporosis International</i> , <b>2021</b> , 1	5.3	4
86	Opportunistic diagnosis of osteoporosis, fragile bone strength and vertebral fractures from routine CT scans; a review of approved technology systems and pathways to implementation. <i>Therapeutic Advances in Musculoskeletal Disease</i> , <b>2021</b> , 13, 1759720X211024029	3.8	4
85	Management of patients at very high risk of osteoporotic fractures through sequential treatments.. <i>Aging Clinical and Experimental Research</i> , <b>2022</b> , 1	4.8	4
84	Placental uptake and metabolism of 25(OH)vitamin D determine its activity within the fetoplacental unit.. <i>ELife</i> , <b>2022</b> , 11,	8.9	4
83	Gestational vitamin D and childhood bone health. <i>Lancet Diabetes and Endocrinology</i> , <b>2017</b> , 5, 417	18.1	3
82	Prenatal influences on bone health in children. <i>Expert Review of Endocrinology and Metabolism</i> , <b>2019</b> , 14, 193-202	4.1	3
81	Response to Letter: Genetics and Vitamin D Supplementation in Pregnancy. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2017</b> , 102, 3565-3566	5.6	3
80	Investigating a suitable model for the study of vitamin D mediated regulation of human placental gene expression. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , <b>2020</b> , 199, 105576	5.1	3
79	Abaloparatide followed by alendronate in women 80 years with osteoporosis: post hoc analysis of ACTIVExtend. <i>Menopause</i> , <b>2020</b> , 27, 1137-1142	2.5	3
78	FRAX-based fracture probabilities in South Africa. <i>Archives of Osteoporosis</i> , <b>2021</b> , 16, 51	2.9	3
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70	Fracture prediction from FRAX for Canadian ethnic groups: a registry-based cohort study. <i>Osteoporosis International</i> , <b>2021</b> , 32, 113-122	5.3	3
69	A surrogate FRAX model for Pakistan. <i>Archives of Osteoporosis</i> , <b>2021</b> , 16, 34	2.9	3
68	Epidemiology of hip fracture in Botswana. <i>Archives of Osteoporosis</i> , <b>2021</b> , 16, 24	2.9	3
67	The Epidemiology of Osteoporotic Fractures <b>2018</b> , 398-404		3
66	Endocytosis in the placenta: An undervalued mediator of placental transfer. <i>Placenta</i> , <b>2021</b> , 113, 67-73	3.4	3
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61	Local Variation in Femoral Neck Cortical Bone: In Vitro Measured Bone Mineral Density, Geometry and Mechanical Properties. <i>Journal of Clinical Densitometry</i> , <b>2017</b> , 20, 205-215	3.5	2
60	Screening for high hip fracture risk does not impact on falls risk: a post hoc analysis from the SCOOP study. <i>Osteoporosis International</i> , <b>2020</b> , 31, 457-464	5.3	2
59	Vitamin D status and ill health. <i>Lancet Diabetes and Endocrinology</i> , <b>2014</b> , 2, e9	18.1	2
58	The importance of fall history in fracture risk assessment. <i>Bone</i> , <b>2013</b> , 53, 598	4.7	2
57	Benfluorex and Mortality: A Fresh Perspective. <i>Epidemiology Research International</i> , <b>2013</b> , 2013, 1-9		2
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55	The application of FRAX in Saudi Arabia. <i>Archives of Osteoporosis</i> , <b>2021</b> , 16, 166	2.9	2



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50	Vitamin D and COVID-19 disease: don't believe everything you read in the papers! Reply to Dr William B. Grant. <i>Aging Clinical and Experimental Research</i> , <b>2021</b> , 33, 2639-2641	4.8	2
49	Longitudinal dietary trajectories from preconception to mid-childhood in women and children in the Southampton Women's Survey and their relation to offspring adiposity: a group-based trajectory modelling approach.. <i>International Journal of Obesity</i> , <b>2021</b> ,	5.5	2
48	Improved fracture risk prediction by adding VFA-identified vertebral fracture data to BMD by DXA and clinical risk factors used in FRAX.. <i>Osteoporosis International</i> , <b>2022</b> , 1	5.3	2
47	Analysis of Comorbidities, Clinical Outcomes, and Parathyroidectomy in Adults With Primary Hyperparathyroidism. <i>JAMA Network Open</i> , <b>2022</b> , 5, e2215396	10.4	2
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43	Pre-screening young postmenopausal women for BMD testing. <i>BoneKEy Reports</i> , <b>2014</b> , 3, 544		1
42	OP0246 Incidence of and Risk Factors for Clinical Fractures in Patients with Systemic Lupus Erythematosus and Matched Controls: A Population-Based Study in the United Kingdom. <i>Annals of the Rheumatic Diseases</i> , <b>2013</b> , 72, A135.3-A136	2.4	1
41	Similar maternal and paternal relationships with offspring bone mass do not exclude an intrauterine mechanism: evidence from Southampton Women's Survey. <i>Osteoporosis International</i> , <b>2011</b> , 22, 2899-900; author reply 2901-2	5.3	1
40	Cardiac Magnetic Resonance Radiomics Reveal Differential Impact of Sex, Age, and Vascular Risk Factors on Cardiac Structure and Myocardial Tissue.. <i>Frontiers in Cardiovascular Medicine</i> , <b>2021</b> , 8, 763361	5.4	1
39	Early growth, bone development and risk of adult fracture <b>2018</b> , 33-42		1
38	Maternal pregnancy vitamin D supplementation increases offspring bone formation in response to mechanical loading: Findings from a MAVIDOS Trial sub-study. <i>Journal of Musculoskeletal Neuronal Interactions</i> , <b>2020</b> , 20, 4-11	1.3	1
37	Elevated blood pressure, antihypertensive medications and bone health in the population: revisiting old hypotheses and exploring future research directions. <i>Osteoporosis International</i> , <b>2021</b> , 33, 315	5.3	1

36	Placental volume at 11 weeks is associated with offspring bone mass at birth and in later childhood: Findings from the Southampton Women's Survey. <i>Placenta</i> , <b>2020</b> , 99, 101-107	3.4	1
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34	Bone turnover in pregnancy, measured by urinary CTX, is influenced by vitamin D supplementation and is associated with maternal bone health: findings from the Maternal Vitamin D Osteoporosis Study (MAVIDOS) trial. <i>American Journal of Clinical Nutrition</i> , <b>2021</b> , 114, 1600-1611	7	1
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29	A novel semi-automated classifier of hip osteoarthritis on DXA images shows expected relationships with clinical outcomes in UK Biobank.. <i>Rheumatology</i> , <b>2021</b> ,	3.9	1
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