

Thor Aspelund

List of Publications by Citations

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305
papers

39,863
citations

81
h-index

198
g-index

362
ext. papers

48,440
ext. citations

8.9
avg, IF

6.4
L-index

#	Paper	IF	Citations
305	Worldwide trends in body-mass index, underweight, overweight, and obesity from 1975 to 2016: a pooled analysis of 2416 population-based measurement studies in 128.9 million children, adolescents, and adults. <i>Lancet, The</i> , 2017 , 390, 2627-2642	40	2980
304	Meta-analysis of 74,046 individuals identifies 11 new susceptibility loci for Alzheimer's disease. <i>Nature Genetics</i> , 2013 , 45, 1452-8	36.3	2714
303	Genetic studies of body mass index yield new insights for obesity biology. <i>Nature</i> , 2015 , 518, 197-206	50.4	2687
302	Association analyses of 249,796 individuals reveal 18 new loci associated with body mass index. <i>Nature Genetics</i> , 2010 , 42, 937-48	36.3	2267
301	Genetic variants in novel pathways influence blood pressure and cardiovascular disease risk. <i>Nature</i> , 2011 , 478, 103-9	50.4	1564
300	Hundreds of variants clustered in genomic loci and biological pathways affect human height. <i>Nature</i> , 2010 , 467, 832-8	50.4	1514
299	Genome-wide association study of blood pressure and hypertension. <i>Nature Genetics</i> , 2009 , 41, 677-87	36.3	1065
298	New genetic loci link adipose and insulin biology to body fat distribution. <i>Nature</i> , 2015 , 518, 187-196	50.4	920
297	Genetic meta-analysis of diagnosed Alzheimer's disease identifies new risk loci and implicates A β , tau, immunity and lipid processing. <i>Nature Genetics</i> , 2019 , 51, 414-430	36.3	917
296	Genome-wide analysis of genetic loci associated with Alzheimer disease. <i>JAMA - Journal of the American Medical Association</i> , 2010 , 303, 1832-40	27.4	888
295	Genome-wide meta-analysis identifies 56 bone mineral density loci and reveals 14 loci associated with risk of fracture. <i>Nature Genetics</i> , 2012 , 44, 491-501	36.3	866
294	C-reactive protein, fibrinogen, and cardiovascular disease prediction. <i>New England Journal of Medicine</i> , 2012 , 367, 1310-20	59.2	750
293	Meta-analysis identifies 13 new loci associated with waist-hip ratio and reveals sexual dimorphism in the genetic basis of fat distribution. <i>Nature Genetics</i> , 2010 , 42, 949-60	36.3	724
292	A genome-wide approach accounting for body mass index identifies genetic variants influencing fasting glycemic traits and insulin resistance. <i>Nature Genetics</i> , 2012 , 44, 659-69	36.3	615
291	New loci associated with kidney function and chronic kidney disease. <i>Nature Genetics</i> , 2010 , 42, 376-84	36.3	599
290	Causal relationship between obesity and vitamin D status: bi-directional Mendelian randomization analysis of multiple cohorts. <i>PLoS Medicine</i> , 2013 , 10, e1001383	11.6	592
289	Arterial stiffness, pressure and flow pulsatility and brain structure and function: the Age, Gene/Environment Susceptibility--Reykjavik study. <i>Brain</i> , 2011 , 134, 3398-407	11.2	569

288	Genetic associations with valvular calcification and aortic stenosis. <i>New England Journal of Medicine</i> , 2013 , 368, 503-12	59.2	556
287	Intra-individual change over time in DNA methylation with familial clustering. <i>JAMA - Journal of the American Medical Association</i> , 2008 , 299, 2877-83	27.4	533
286	Rare coding variants in <i>PLCG2</i> , <i>ABI3</i> , and <i>TREM2</i> implicate microglial-mediated innate immunity in Alzheimer's disease. <i>Nature Genetics</i> , 2017 , 49, 1373-1384	36.3	508
285	Simple risk model predicts incidence of atrial fibrillation in a racially and geographically diverse population: the CHARGE-AF consortium. <i>Journal of the American Heart Association</i> , 2013 , 2, e000102	6	425
284	Age, Gene/Environment Susceptibility-Reykjavik Study: multidisciplinary applied phenomics. <i>American Journal of Epidemiology</i> , 2007 , 165, 1076-87	3.8	415
283	Meta-analysis of genome-wide association studies in >80 000 subjects identifies multiple loci for C-reactive protein levels. <i>Circulation</i> , 2011 , 123, 731-8	16.7	395
282	Thirty new loci for age at menarche identified by a meta-analysis of genome-wide association studies. <i>Nature Genetics</i> , 2010 , 42, 1077-85	36.3	372
281	Genome-wide association study of PR interval. <i>Nature Genetics</i> , 2010 , 42, 153-9	36.3	340
280	Genome-wide association study identifies six new loci influencing pulse pressure and mean arterial pressure. <i>Nature Genetics</i> , 2011 , 43, 1005-11	36.3	338
279	The age-specific quantitative effects of metabolic risk factors on cardiovascular diseases and diabetes: a pooled analysis. <i>PLoS ONE</i> , 2013 , 8, e65174	3.7	336
278	Genome-wide association and large-scale follow up identifies 16 new loci influencing lung function. <i>Nature Genetics</i> , 2011 , 43, 1082-90	36.3	313
277	Variants in <i>ZFHX3</i> are associated with atrial fibrillation in individuals of European ancestry. <i>Nature Genetics</i> , 2009 , 41, 879-81	36.3	307
276	Genetic associations at 53 loci highlight cell types and biological pathways relevant for kidney function. <i>Nature Communications</i> , 2016 , 7, 10023	17.4	295
275	Multiple loci influence erythrocyte phenotypes in the CHARGE Consortium. <i>Nature Genetics</i> , 2009 , 41, 1191-8	36.3	285
274	Rising rural body-mass index is the main driver of the global obesity epidemic in adults. <i>Nature</i> , 2019 , 569, 260-264	50.4	278
273	Quality control and conduct of genome-wide association meta-analyses. <i>Nature Protocols</i> , 2014 , 9, 1192-28.8		278
272	Personalized epigenomic signatures that are stable over time and covary with body mass index. <i>Science Translational Medicine</i> , 2010 , 2, 49ra67	17.5	254
271	Common variants in 22 loci are associated with QRS duration and cardiac ventricular conduction. <i>Nature Genetics</i> , 2010 , 42, 1068-76	36.3	249

270	Meta-analyses identify 13 loci associated with age at menopause and highlight DNA repair and immune pathways. <i>Nature Genetics</i> , 2012 , 44, 260-8	36.3	243
269	Multiple genetic loci influence serum urate levels and their relationship with gout and cardiovascular disease risk factors. <i>Circulation: Cardiovascular Genetics</i> , 2010 , 3, 523-30		243
268	Meta-analysis of genome-wide association data identifies two loci influencing age at menarche. <i>Nature Genetics</i> , 2009 , 41, 648-50	36.3	223
267	The association between glucose abnormalities and heart failure in the population-based Reykjavik study. <i>Diabetes Care</i> , 2005 , 28, 612-6	14.6	217
266	Genome-wide association study for coronary artery calcification with follow-up in myocardial infarction. <i>Circulation</i> , 2011 , 124, 2855-64	16.7	213
265	Association Between Interstitial Lung Abnormalities and All-Cause Mortality. <i>JAMA - Journal of the American Medical Association</i> , 2016 , 315, 672-81	27.4	209
264	NRXN3 is a novel locus for waist circumference: a genome-wide association study from the CHARGE Consortium. <i>PLoS Genetics</i> , 2009 , 5, e1000539	6	203
263	Prevalence and prognosis of unrecognized myocardial infarction determined by cardiac magnetic resonance in older adults. <i>JAMA - Journal of the American Medical Association</i> , 2012 , 308, 890-6	27.4	192
262	GWAS of longevity in CHARGE consortium confirms APOE and FOXO3 candidacy. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2015 , 70, 110-8	6.4	188
261	Co-regulatory networks of human serum proteins link genetics to disease. <i>Science</i> , 2018 , 361, 769-773	33.3	183
260	Chronic kidney disease and risk of major cardiovascular disease and non-vascular mortality: prospective population based cohort study. <i>BMJ, The</i> , 2010 , 341, c4986	5.9	180
259	Assessment of incident spine and hip fractures in women and men using finite element analysis of CT scans. <i>Journal of Bone and Mineral Research</i> , 2014 , 29, 570-80	6.3	179
258	Adult height and the risk of cause-specific death and vascular morbidity in 1 million people: individual participant meta-analysis. <i>International Journal of Epidemiology</i> , 2012 , 41, 1419-33	7.8	178
257	Genome-wide association meta-analysis for total serum bilirubin levels. <i>Human Molecular Genetics</i> , 2009 , 18, 2700-10	5.6	177
256	CUBN is a gene locus for albuminuria. <i>Journal of the American Society of Nephrology: JASN</i> , 2011 , 22, 555-1707	17.7	170
255	Meta-analysis of genome-wide association studies from the CHARGE consortium identifies common variants associated with carotid intima media thickness and plaque. <i>Nature Genetics</i> , 2011 , 43, 940-7	36.3	168
254	Cerebral microbleeds in the population based AGES-Reykjavik study: prevalence and location. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2008 , 79, 1002-6	5.5	167
253	Vitamin D and mortality: Individual participant data meta-analysis of standardized 25-hydroxyvitamin D in 26916 individuals from a European consortium. <i>PLoS ONE</i> , 2017 , 12, e0170791	3.7	159

252	Heterogeneity in white blood cells has potential to confound DNA methylation measurements. <i>PLoS ONE</i> , 2012 , 7, e46705	3.7	156
251	Worldwide trends in hypertension prevalence and progress in treatment and control from 1990 to 2019: a pooled analysis of 1201 population-representative studies with 104 million participants. <i>Lancet, The</i> , 2021 , 398, 957-980	4.0	154
250	Migraine headache in middle age and late-life brain infarcts. <i>JAMA - Journal of the American Medical Association</i> , 2009 , 301, 2563-70	27.4	148
249	Genome-wide association studies of cerebral white matter lesion burden: the CHARGE consortium. <i>Annals of Neurology</i> , 2011 , 69, 928-39	9.4	146
248	Association of genetic variation with systolic and diastolic blood pressure among African Americans: the Candidate Gene Association Resource study. <i>Human Molecular Genetics</i> , 2011 , 20, 2273-84	5.6	146
247	Genome-wide association studies of serum magnesium, potassium, and sodium concentrations identify six Loci influencing serum magnesium levels. <i>PLoS Genetics</i> , 2010 , 6, e1001045	6	144
246	Genome-wide association and functional follow-up reveals new loci for kidney function. <i>PLoS Genetics</i> , 2012 , 8, e1002584	6	143
245	Trends in the incidence and prevalence of atrial fibrillation in Iceland and future projections. <i>Europace</i> , 2011 , 13, 1110-7	3.9	125
244	Increasing sex difference in bone strength in old age: The Age, Gene/Environment Susceptibility-Reykjavik study (AGES-REYKJAVIK). <i>Bone</i> , 2006 , 39, 644-51	4.7	122
243	The Emerging Risk Factors Collaboration: analysis of individual data on lipid, inflammatory and other markers in over 1.1 million participants in 104 prospective studies of cardiovascular diseases. <i>European Journal of Epidemiology</i> , 2007 , 22, 839-69	12.1	121
242	Markers of dysglycaemia and risk of coronary heart disease in people without diabetes: Reykjavik prospective study and systematic review. <i>PLoS Medicine</i> , 2010 , 7, e1000278	11.6	120
241	B-type natriuretic peptide and C-reactive protein in the prediction of atrial fibrillation risk: the CHARGE-AF Consortium of community-based cohort studies. <i>Europace</i> , 2014 , 16, 1426-33	3.9	112
240	The effect of midlife physical activity on cognitive function among older adults: AGES--Reykjavik Study. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2010 , 65, 1369-74	6.4	112
239	Four novel Loci (19q13, 6q24, 12q24, and 5q14) influence the microcirculation in vivo. <i>PLoS Genetics</i> , 2010 , 6, e1001184	6	111
238	Natriuretic peptides and integrated risk assessment for cardiovascular disease: an individual-participant-data meta-analysis. <i>Lancet Diabetes and Endocrinology, the</i> , 2016 , 4, 840-9	18.1	108
237	A meta-analysis of four genome-wide association studies of survival to age 90 years or older: the Cohorts for Heart and Aging Research in Genomic Epidemiology Consortium. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2010 , 65, 478-87	6.4	107
236	Genome-wide association analysis identifies six new loci associated with forced vital capacity. <i>Nature Genetics</i> , 2014 , 46, 669-77	36.3	104
235	Atrial fibrillation is associated with reduced brain volume and cognitive function independent of cerebral infarcts. <i>Stroke</i> , 2013 , 44, 1020-5	6.7	104

234	Validation of an atrial fibrillation risk algorithm in whites and African Americans. <i>Archives of Internal Medicine</i> , 2010 , 170, 1909-17		104
233	Cardiovascular Risk Factors Associated With Venous Thromboembolism. <i>JAMA Cardiology</i> , 2019 , 4, 163-173		102
232	Genome-wide Association Studies Identify Genetic Loci Associated With Albuminuria in Diabetes. <i>Diabetes</i> , 2016 , 65, 803-17	0.9	96
231	Blood metabolite markers of preclinical Alzheimer's disease in two longitudinally followed cohorts of older individuals. <i>Alzheimer's and Dementia</i> , 2016 , 12, 815-22	1.2	93
230	Distribution of cortical bone in the femoral neck and hip fracture: a prospective case-control analysis of 143 incident hip fractures; the AGES-REYKJAVIK Study. <i>Bone</i> , 2011 , 48, 1268-76	4.7	89
229	Individual risk assessment and information technology to optimise screening frequency for diabetic retinopathy. <i>Diabetologia</i> , 2011 , 54, 2525-32	10.3	89
228	Cerebrovascular Damage Mediates Relations Between Aortic Stiffness and Memory. <i>Hypertension</i> , 2016 , 67, 176-82	8.5	85
227	Mannan binding lectin as an adjunct to risk assessment for myocardial infarction in individuals with enhanced risk. <i>Journal of Experimental Medicine</i> , 2005 , 201, 117-25	16.6	84
226	Genome-wide association study of kidney function decline in individuals of European descent. <i>Kidney International</i> , 2015 , 87, 1017-29	9.9	83
225	Migraine with aura and risk of cardiovascular and all cause mortality in men and women: prospective cohort study. <i>BMJ, The</i> , 2010 , 341, c3966	5.9	82
224	Mediation analysis of aortic stiffness and renal microvascular function. <i>Journal of the American Society of Nephrology: JASN</i> , 2015 , 26, 1181-7	12.7	80
223	Insights into the genetic architecture of early stage age-related macular degeneration: a genome-wide association study meta-analysis. <i>PLoS ONE</i> , 2013 , 8, e53830	3.7	79
222	Genetic determinants of heel bone properties: genome-wide association meta-analysis and replication in the GEFOS/GENOMOS consortium. <i>Human Molecular Genetics</i> , 2014 , 23, 3054-68	5.6	78
221	Hemodynamics of increased pulse pressure in older women in the community-based Age, Gene/Environment Susceptibility-Reykjavik Study. <i>Hypertension</i> , 2008 , 51, 1123-8	8.5	77
220	Hand osteoarthritis in older women is associated with carotid and coronary atherosclerosis: the AGES Reykjavik study. <i>Annals of the Rheumatic Diseases</i> , 2009 , 68, 1696-700	2.4	76
219	Common genetic variation in the 3'-BCL11B gene desert is associated with carotid-femoral pulse wave velocity and excess cardiovascular disease risk: the AortaGen Consortium. <i>Circulation: Cardiovascular Genetics</i> , 2012 , 5, 81-90		76
218	Prevalence of chronic kidney disease based on estimated glomerular filtration rate and proteinuria in Icelandic adults. <i>Nephrology Dialysis Transplantation</i> , 2005 , 20, 1799-807	4.3	76
217	Genome-wide association studies of MRI-defined brain infarcts: meta-analysis from the CHARGE Consortium. <i>Stroke</i> , 2010 , 41, 210-7	6.7	74

216	Height and body-mass index trajectories of school-aged children and adolescents from 1985 to 2019 in 200 countries and territories: a pooled analysis of 2181 population-based studies with 65 million participants. <i>Lancet, The</i> , 2020 , 396, 1511-1524	4.0	73
215	Hemostatic factors and risk of coronary heart disease in general populations: new prospective study and updated meta-analyses. <i>PLoS ONE</i> , 2013 , 8, e55175	3.7	72
214	1000 Genomes-based meta-analysis identifies 10 novel loci for kidney function. <i>Scientific Reports</i> , 2017 , 7, 45040	4.9	70
213	Brain tissue volumes in the general population of the elderly: the AGES-Reykjavik study. <i>NeuroImage</i> , 2012 , 59, 3862-3870	7.9	67
212	Causal Effect of Plasminogen Activator Inhibitor Type 1 on Coronary Heart Disease. <i>Journal of the American Heart Association</i> , 2017 , 6,	6	65
211	Analysing the large decline in coronary heart disease mortality in the Icelandic population aged 25-74 between the years 1981 and 2006. <i>PLoS ONE</i> , 2010 , 5, e13957	3.7	62
210	The prevalence of aortic stenosis in the elderly in Iceland and predictions for the coming decades: the AGES-Reykjavik study. <i>International Journal of Cardiology</i> , 2014 , 176, 916-22	3.2	57
209	Joint effect of mid- and late-life blood pressure on the brain: the AGES-Reykjavik study. <i>Neurology</i> , 2014 , 82, 2187-95	6.5	57
208	Atrial fibrillation is associated with decreased total cerebral blood flow and brain perfusion. <i>Europace</i> , 2018 , 20, 1252-1258	3.9	55
207	Epidemiology of fractures in Iceland and secular trends in major osteoporotic fractures 1989-2008. <i>Osteoporosis International</i> , 2014 , 25, 211-9	5.3	54
206	Effect of rheumatoid factor on mortality and coronary heart disease. <i>Annals of the Rheumatic Diseases</i> , 2010 , 69, 1649-54	2.4	54
205	Integration of genome-wide association studies with biological knowledge identifies six novel genes related to kidney function. <i>Human Molecular Genetics</i> , 2012 , 21, 5329-43	5.6	54
204	Inaccuracy in self-report of fractures may underestimate association with health outcomes when compared with medical record based fracture registry. <i>European Journal of Epidemiology</i> , 2007 , 22, 631-9 ^{12.1}		53
203	Equalization of four cardiovascular risk algorithms after systematic recalibration: individual-participant meta-analysis of 86 prospective studies. <i>European Heart Journal</i> , 2019 , 40, 621-63 ^{9.5}		52
202	Fat distribution and mortality: the AGES-Reykjavik Study. <i>Obesity</i> , 2015 , 23, 893-7	8	50
201	Urinary melatonin levels, sleep disruption, and risk of prostate cancer in elderly men. <i>European Urology</i> , 2015 , 67, 191-4	10.2	50
200	Milk intake in early life and risk of advanced prostate cancer. <i>American Journal of Epidemiology</i> , 2012 , 175, 144-53	3.8	49
199	PLD3 variants in population studies. <i>Nature</i> , 2015 , 520, E2-3	50.4	47

198	Longitudinal and circumferential strain of the proximal aorta. <i>Journal of the American Heart Association</i> , 2014 , 3, e001536	6	46
197	Apolipoprotein E genotype and statins affect CRP levels through independent and different mechanisms: AGES-Reykjavik Study. <i>Atherosclerosis</i> , 2006 , 186, 222-4	3.1	44
196	Prevalence and prognosis of ischaemic and non-ischaemic myocardial fibrosis in older adults. <i>European Heart Journal</i> , 2019 , 40, 529-538	9.5	42
195	Contributions of mean and shape of blood pressure distribution to worldwide trends and variations in raised blood pressure: a pooled analysis of 1018 population-based measurement studies with 88.6 million participants. <i>International Journal of Epidemiology</i> , 2018 , 47, 872-883i	7.8	40
194	Epidemiology of organising pneumonia in Iceland. <i>Thorax</i> , 2006 , 61, 805-8	7.3	40
193	Relations between aortic stiffness and left ventricular structure and function in older participants in the Age, Gene/Environment Susceptibility--Reykjavik Study. <i>Circulation: Cardiovascular Imaging</i> , 2015 , 8, e003039	3.9	39
192	Individualised risk assessment for diabetic retinopathy and optimisation of screening intervals: a scientific approach to reducing healthcare costs. <i>British Journal of Ophthalmology</i> , 2016 , 100, 683-7	5.5	38
191	Rare Functional Variant in TM2D3 is Associated with Late-Onset Alzheimer's Disease. <i>PLoS Genetics</i> , 2016 , 12, e1006327	6	38
190	Prevalence and determinants of carotid plaque in the cross-sectional REFINE-Reykjavik study. <i>BMJ Open</i> , 2016 , 6, e012457	3	37
189	Assessing risk prediction models using individual participant data from multiple studies. <i>American Journal of Epidemiology</i> , 2014 , 179, 621-32	3.8	36
188	Mid-thigh cortical bone structural parameters, muscle mass and strength, and association with lower limb fractures in older men and women (AGES-Reykjavik Study). <i>Calcified Tissue International</i> , 2012 , 90, 354-64	3.9	36
187	High hand joint mobility is associated with radiological CMC1 osteoarthritis: the AGES-Reykjavik study. <i>Osteoarthritis and Cartilage</i> , 2009 , 17, 592-5	6.2	36
186	Plasma phospholipid PUFAs are associated with greater muscle and knee extension strength but not with changes in muscle parameters in older adults. <i>Journal of Nutrition</i> , 2015 , 145, 105-12	4.1	35
185	The promoter polymorphism is associated with specific interstitial lung abnormality subtypes. <i>European Respiratory Journal</i> , 2017 , 50,	13.6	34
184	Similarities and differences between sexes in regional loss of cortical and trabecular bone in the mid-femoral neck: the AGES-Reykjavik longitudinal study. <i>Journal of Bone and Mineral Research</i> , 2013 , 28, 2165-76	6.3	33
183	Spousal loss and cognitive function in later life: a 25-year follow-up in the AGES-Reykjavik study. <i>American Journal of Epidemiology</i> , 2014 , 179, 674-83	3.8	33
182	Prevalence of heart failure in the elderly and future projections: the AGES-Reykjavik study. <i>Scandinavian Cardiovascular Journal</i> , 2017 , 51, 183-189	2	32
181	Pulse pressure relation to aortic and left ventricular structure in the Age, Gene/Environment Susceptibility (AGES)-Reykjavik Study. <i>Hypertension</i> , 2014 , 64, 756-61	8.5	32

180	Evidence for three genetic loci involved in both anorexia nervosa risk and variation of body mass index. <i>Molecular Psychiatry</i> , 2017 , 22, 192-201	15.1	31
179	High-Sensitivity Cardiac Troponin I Is a Strong Predictor of Cardiovascular Events and Mortality in the AGES-Reykjavik Community-Based Cohort of Older Individuals. <i>Clinical Chemistry</i> , 2016 , 62, 623-30	5.5	31
178	Retinopathy in old persons with and without diabetes mellitus: the Age, Gene/Environment Susceptibility--Reykjavik Study (AGES-R). <i>Diabetologia</i> , 2012 , 55, 671-80	10.3	31
177	Pulmonary function impairment may be an early risk factor for late-life cognitive impairment. <i>Journal of the American Geriatrics Society</i> , 2013 , 61, 79-83	5.6	31
176	Effects of a 6-month multimodal training intervention on retention of functional fitness in older adults: a randomized-controlled cross-over design. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , 2012 , 9, 107	8.4	31
175	C-reactive protein in migraine sufferers similar to that of non-migraineurs: the Reykjavik Study. <i>Cephalalgia</i> , 2009 , 29, 1301-10	6.1	31
174	Glucose abnormalities and heart failure predict poor prognosis in the population-based Reykjavik Study. <i>European Journal of Cardiovascular Prevention and Rehabilitation</i> , 2005 , 12, 465-71		31
173	Increasing glucose levels and BMI predict future heart failure experience from the Reykjavik Study. <i>European Journal of Heart Failure</i> , 2007 , 9, 1051-7	12.3	30
172	Optimum expression of adult lung function based on all-cause mortality: results from the Reykjavik study. <i>Respiratory Medicine</i> , 2007 , 101, 601-9	4.6	30
171	Examination of genetic effects of polymorphisms in the MCP-1 and CCR2 genes on MI in the Icelandic population. <i>Atherosclerosis</i> , 2006 , 188, 341-6	3.1	30
170	Consumption of fish products across the lifespan and prostate cancer risk. <i>PLoS ONE</i> , 2013 , 8, e59799	3.7	30
169	Validation of a model to estimate personalised screening frequency to monitor diabetic retinopathy. <i>Diabetologia</i> , 2014 , 57, 1332-8	10.3	29
168	Community awareness of stroke in Accra, Ghana. <i>BMC Public Health</i> , 2014 , 14, 196	4.1	29
167	Derivation and assessment of risk prediction models using case-cohort data. <i>BMC Medical Research Methodology</i> , 2013 , 13, 113	4.7	29
166	Quality pain management in the hospital setting from the patient's perspective. <i>Pain Practice</i> , 2015 , 15, 236-46	3	29
165	Effects of statin medication on mortality risk associated with type 2 diabetes in older persons: the population-based AGES-Reykjavik Study. <i>BMJ Open</i> , 2011 , 1, e000132	3	29
164	Estimation of 10-year risk of fatal cardiovascular disease and coronary heart disease in Iceland with results comparable with those of the Systematic Coronary Risk Evaluation project. <i>European Journal of Cardiovascular Prevention and Rehabilitation</i> , 2007 , 14, 761-8		29
163	Association of Unrecognized Myocardial Infarction With Long-term Outcomes in Community-Dwelling Older Adults: The ICELAND MI Study. <i>JAMA Cardiology</i> , 2018 , 3, 1101-1106	16.2	28

162	Improvement of myocardial infarction risk prediction via inflammation-associated metabolite biomarkers. <i>Heart</i> , 2017 , 103, 1278-1285	5.1	27
161	Circulating Protein Signatures and Causal Candidates for Type 2 Diabetes. <i>Diabetes</i> , 2020 , 69, 1843-1853	3.9	27
160	The incidence of a first major osteoporotic fracture in Iceland and implications for FRAX. <i>Osteoporosis International</i> , 2014 , 25, 2445-51	5.3	27
159	Common variants in Mendelian kidney disease genes and their association with renal function. <i>Journal of the American Society of Nephrology: JASN</i> , 2013 , 24, 2105-17	12.7	27
158	Migraine, depression, and brain volume: the AGES-Reykjavik Study. <i>Neurology</i> , 2013 , 80, 2138-44	6.5	27
157	Childhood growth and adult hypertension in a population of high birth weight. <i>Hypertension</i> , 2011 , 58, 8-15	8.5	27
156	Population-based assessment of burn injury in southern Iowa: identification of children and young-adult at-risk groups and behaviors. <i>Journal of Burn Care and Research</i> , 2003 , 24, 192-202		27
155	Incidence and prevalence of total joint replacements due to osteoarthritis in the elderly: risk factors and factors associated with late life prevalence in the AGES-Reykjavik Study. <i>BMC Musculoskeletal Disorders</i> , 2016 , 17, 14	2.8	26
154	Incidence of Brain Infarcts, Cognitive Change, and Risk of Dementia in the General Population: The AGES-Reykjavik Study (Age Gene/Environment Susceptibility-Reykjavik Study). <i>Stroke</i> , 2017 , 48, 2353-2360	6.7	26
153	The interaction of adiposity with the CRP gene affects CRP levels: age, gene/environment susceptibility-Reykjavik study. <i>International Journal of Obesity</i> , 2009 , 33, 267-72	5.5	26
152	Midlife physical activity preserves lower extremity function in older adults: age gene/environment susceptibility-Reykjavik study. <i>Journal of the American Geriatrics Society</i> , 2013 , 61, 237-42	5.6	25
151	The presence of total knee or hip replacements due to osteoarthritis enhances the positive association between hand osteoarthritis and atherosclerosis in women: the AGES-Reykjavik study. <i>Annals of the Rheumatic Diseases</i> , 2011 , 70, 1087-90	2.4	25
150	National trends in total cholesterol obscure heterogeneous changes in HDL and non-HDL cholesterol and total-to-HDL cholesterol ratio: a pooled analysis of 458 population-based studies in Asian and Western countries. <i>International Journal of Epidemiology</i> , 2020 , 49, 173-192	7.8	25
149	Overweight and Obesity in Midlife and Brain Structure and Dementia 26 Years Later: The AGES-Reykjavik Study. <i>American Journal of Epidemiology</i> , 2015 , 181, 672-9	3.8	24
148	Genetic overlap between vascular pathologies and Alzheimer's dementia and potential causal mechanisms. <i>Alzheimer's and Dementia</i> , 2019 , 15, 65-75	1.2	24
147	Midlife Blood Pressure and Late-Life GFR and Albuminuria: An Elderly General Population Cohort. <i>American Journal of Kidney Diseases</i> , 2015 , 66, 240-8	7.4	22
146	Rye bread consumption in early life and reduced risk of advanced prostate cancer. <i>Cancer Causes and Control</i> , 2012 , 23, 941-50	2.8	22
145	Definition of excessive daytime sleepiness in the general population: Feeling sleepy relates better to sleep-related symptoms and quality of life than the Epworth Sleepiness Scale score. Results from an epidemiological study. <i>Journal of Sleep Research</i> , 2019 , 28, e12852	5.8	21

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143	Plasma phospholipid fatty acids and fish-oil consumption in relation to osteoporotic fracture risk in older adults: the Age, Gene/Environment Susceptibility Study. <i>American Journal of Clinical Nutrition</i> , 2015 , 101, 947-55	7	20
142	Pineal Gland Volume Assessed by MRI and Its Correlation with 6-Sulfatoxymelatonin Levels among Older Men. <i>Journal of Biological Rhythms</i> , 2016 , 31, 461-9	3.2	20
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136	The alcohol paradox: light-to-moderate alcohol consumption, cognitive function, and brain volume. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2014 , 69, 1528-35	6.4	19
135	CRP is associated with lung function decline in men but not women: a prospective study. <i>Respiratory Medicine</i> , 2013 , 107, 91-7	4.6	19
134	Genetic loci for retinal arteriolar microcirculation. <i>PLoS ONE</i> , 2013 , 8, e65804	3.7	19
133	Segmental kidney volumes measured by dynamic contrast-enhanced magnetic resonance imaging and their association with CKD in older people. <i>American Journal of Kidney Diseases</i> , 2015 , 65, 41-8	7.4	18
132	Body fat distribution on computed tomography imaging and prostate cancer risk and mortality in the AGES-Reykjavik study. <i>Cancer</i> , 2019 , 125, 2877-2885	6.4	17
131	Coronary artery calcium and physical performance as determinants of mortality in older age: the AGES-Reykjavik Study. <i>International Journal of Cardiology</i> , 2013 , 168, 2094-9	3.2	17
130	Unfavourable risk factors for type 2 diabetes mellitus are already apparent more than a decade before onset in a population-based study of older persons: from the Age, Gene/Environment Susceptibility-Reykjavik Study (AGES-Reykjavik). <i>European Journal of Epidemiology</i> , 2009 , 24, 307-14	12.1	17
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128	Physical Activity from Early Adulthood and Risk of Prostate Cancer: A 24-Year Follow-Up Study among Icelandic Men. <i>Cancer Prevention Research</i> , 2015 , 8, 905-11	3.2	16
127	Predictors of women's positive childbirth pain experience: Findings from an Icelandic national study. <i>Women and Birth</i> , 2018 , 31, e178-e184	3.3	16

126	Effect of vertebral fractures on function, quality of life and hospitalisation the AGES-Reykjavik study. <i>Age and Ageing</i> , 2012 , 41, 351-7	3	16
125	Hand Osteoarthritis Severity is Associated with Total Knee Joint Replacements Independently of BMI. The Ages-Reykjavik Study. <i>Open Rheumatology Journal</i> , 2011 , 5, 7-12	0.2	16
124	Exploring potential mortality reductions in 9 European countries by improving diet and lifestyle: A modelling approach. <i>International Journal of Cardiology</i> , 2016 , 207, 286-91	3.2	16
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121	Risk factors and health during pregnancy among women previously exposed to sexual violence. <i>Acta Obstetrica Et Gynecologica Scandinavica</i> , 2014 , 93, 351-8	3.8	15
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117	Reversal of Aging-Induced Increases in Aortic Stiffness by Targeting Cytoskeletal Protein-Protein Interfaces. <i>Journal of the American Heart Association</i> , 2018 , 7,	6	14
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115	Can postpartum pelvic floor muscle training reduce urinary and anal incontinence?: An assessor-blinded randomized controlled trial. <i>American Journal of Obstetrics and Gynecology</i> , 2020 , 222, 247.e1-247.e8	6.4	14
114	Early Life Residence, Fish Consumption, and Risk of Breast Cancer. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2017 , 26, 346-354	4	13
113	The relationship between chronic pain pattern, interference with life and health-related quality of life in a nationwide community sample. <i>Pain Management Nursing</i> , 2014 , 15, 641-51	2.5	13
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111	Changes in total cholesterol levels in Western societies are not related to statin, but rather dietary factors: the example of the Icelandic population. <i>European Heart Journal</i> , 2013 , 34, 1778-82	9.5	13
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102	Profile and health-related quality of life of Ghanaian stroke survivors. <i>Clinical Interventions in Aging</i> , 2014 , 9, 1701-8	4	12
101	Blood donors in Iceland: a nationwide population-based study from 2005 to 2013. <i>Transfusion</i> , 2016 , 56, 1654-61	2.9	12
100	The Association Between Midlife Physical Activity and Depressive Symptoms in Late Life: Age Gene/Environment Susceptibility-Reykjavik Study. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2016 , 71, 502-7	6.4	11
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95	Meta-analysis of genetic association with diagnosed Alzheimer's disease identifies novel risk loci and implicates Abeta, Tau, immunity and lipid processing		9
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88	Faster increase in body mass index between ages 8 and 13 is associated with risk factors for cardiovascular morbidity and mortality. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2014 , 24, 730-45	4.5	8
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81	Obstetric Outcomes of Mothers Previously Exposed to Sexual Violence. <i>PLoS ONE</i> , 2016 , 11, e0150726	3.7	7
80	Severe volcanic SO exposure and respiratory morbidity in the Icelandic population - a register study. <i>Environmental Health</i> , 2021 , 20, 23	6	7
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78	Airflow obstruction, atherosclerosis and cardiovascular risk factors in the AGES Reykjavik study. <i>Atherosclerosis</i> , 2016 , 252, 122-127	3.1	6
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74	Abnormal T-wave axis is associated with coronary artery calcification in older adults. <i>Scandinavian Cardiovascular Journal</i> , 2009 , 43, 240-8	2	6
73	Dietary habits in adolescence and midlife and risk of breast cancer in older women. <i>PLoS ONE</i> , 2018 , 13, e0198017	3.7	6

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71	Fish and fish-liver oil consumption in adolescence and midlife and risk of CHD in older women. <i>Public Health Nutrition</i> , 2016 , 19, 318-25	3.3	6
70	Occupation as a risk factor for renal cell cancer: a nationwide, prospective epidemiological study. <i>Scandinavian Journal of Urology</i> , 2016 , 50, 181-5	1.6	6
69	Do female elite athletes experience more complicated childbirth than non-athletes? A case-control study. <i>British Journal of Sports Medicine</i> , 2019 , 53, 354-358	10.3	6
68	Pre-diagnostic 25-hydroxyvitamin D levels and survival in cancer patients. <i>Cancer Causes and Control</i> , 2019 , 30, 333-342	2.8	5
67	Diabetic eye screening with variable screening intervals based on individual risk factors is safe and effective in ophthalmic practice. <i>Acta Ophthalmologica</i> , 2020 , 98, 343-346	3.7	5
66	Mental disorder, imprisonment and reduced life expectancy--A nationwide psychiatric inpatient cohort study. <i>Criminal Behaviour and Mental Health</i> , 2016 , 26, 6-17	1.4	5
65	Cigarette Smoking Is Associated With Lower Quadriceps Cross-sectional Area and Attenuation in Older Adults. <i>Nicotine and Tobacco Research</i> , 2020 , 22, 935-941	4.9	5
64	Interstitial lung abnormalities and physical function. <i>ERJ Open Research</i> , 2018 , 4,	3.5	5
63	Acute COVID-19 severity and mental health morbidity trajectories in patient populations of six nations: an observational study.. <i>Lancet Public Health</i> , 2022 ,	22.4	5
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60	Snoring and nocturnal reflux: association with lung function decline and respiratory symptoms. <i>ERJ Open Research</i> , 2019 , 5,	3.5	4
59	A pooled-analysis of age and sex based coronary artery calcium scores percentiles. <i>Journal of Cardiovascular Computed Tomography</i> , 2020 , 14, 414-420	2.8	4
58	Accidental injuries among older adults: An incidence study. <i>International Emergency Nursing</i> , 2018 , 40, 12-17	2.4	4
57	Effects of exercise training and nutrition counseling on body composition and cardiometabolic factors in old individuals. <i>European Geriatric Medicine</i> , 2013 , 4, 431-437	3	4
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54	Infant feeding patterns and midlife erythrocyte sedimentation rate. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2007 , 96, 852-6	3.1	4
53	Cancer incidence among female manual workers. <i>Epidemiology</i> , 1995 , 6, 439-41	3.1	4
52	A genome-wide association study of serum proteins reveals shared loci with common diseases.. <i>Nature Communications</i> , 2022 , 13, 480	17.4	4
51	Respiratory health among professionals exposed to extreme SO2 levels from a volcanic eruption. <i>Scandinavian Journal of Work, Environment and Health</i> , 2019 , 45, 312-315	4.3	4
50	Coding and regulatory variants affect serum protein levels and common disease		4
49	Antihypertensive medication uses and serum ACE2 levels: ACEIs/ARBs treatment does not raise serum levels of ACE2 2020 ,		4
48	Quantitative 3D imaging parameters improve prediction of hip osteoarthritis outcome. <i>Scientific Reports</i> , 2020 , 10, 4127	4.9	3
47	Longitudinal Changes in Size and Composition of Carotid Artery Plaques Using Ultrasound: Adaptation and Validation of Methods (Inter- and Intraobserver Variability). <i>Journal for Vascular Ultrasound</i> , 2014 , 38, 198-208	0.1	3
46	Carotid plaque is strongly associated with coronary artery calcium and predicts incident coronary heart disease in a population-based cohort.. <i>Atherosclerosis</i> , 2022 ,	3.1	3
45	Coding and regulatory variants are associated with serum protein levels and disease.. <i>Nature Communications</i> , 2022 , 13, 481	17.4	3
44	Association of Cancer Incidence and Duration of Residence in Geothermal Heating Area in Iceland: An Extended Follow-Up. <i>PLoS ONE</i> , 2016 , 11, e0155922	3.7	3
43	Comorbidities in multiple myeloma and implications on survival: A population-based study. <i>European Journal of Haematology</i> , 2021 , 106, 774-782	3.8	3
42	Illness severity and risk of mental morbidities among patients recovering from COVID-19: a cross-sectional study in the Icelandic population. <i>BMJ Open</i> , 2021 , 11, e049967	3	3
41	Association between lung function decline and obstructive sleep apnoea: the ALEC study. <i>Sleep and Breathing</i> , 2021 , 25, 587-596	3.1	3
40	A nationwide study on inpatient opportunistic infections in patients with chronic lymphocytic leukemia in the pre-ibrutinib era. <i>European Journal of Haematology</i> , 2021 , 106, 346-353	3.8	3
39	Oral glucose tolerance test predicts increased carotid plaque burden in patients with acute coronary syndrome. <i>PLoS ONE</i> , 2017 , 12, e0183839	3.7	2
38	Cohort Profile: COVIDMENT: COVID-19 cohorts on mental health across six nations.. <i>International Journal of Epidemiology</i> , 2021 ,	7.8	2
37	Deep serum proteomics reveal biomarkers and causal candidates for type 2 diabetes		2

36	Preterm births in Iceland 1997-2016: Preterm birth rates by gestational age groups and type of preterm birth. <i>Birth</i> , 2020 , 47, 105-114	3.1	2
35	The effect of the 2008 recession on well-being and employment status of people with and without mental health problems. <i>European Journal of Public Health</i> , 2020 , 30, 761-766	2.1	2
34	Computed tomography-based skeletal muscle and adipose tissue attenuation: Variations by age, sex, and muscle. <i>Experimental Gerontology</i> , 2021 , 149, 111306	4.5	2
33	Favorable Survival after Aortic Valve Replacement Compared to the General Population. <i>Journal of Heart Valve Disease</i> , 2016 , 25, 8-13		2
32	Hyperuricemia is associated with intermittent hand joint pain in a cross sectional study of elderly females: The AGES-Reykjavik Study. <i>PLoS ONE</i> , 2019 , 14, e0221474	3.7	1
31	Associations between Proportion of Plasma Phospholipid Fatty Acids, Depressive Symptoms and Major Depressive Disorder. Cross-Sectional Analyses from the AGES Reykjavik Study. <i>Journal of Nutrition, Health and Aging</i> , 2018 , 22, 354-360	5.2	1
30	A total population-based cohort study of female psychiatric inpatients who have served a prison sentence. <i>Criminal Behaviour and Mental Health</i> , 2015 , 25, 220-5	1.4	1
29	OP72 EUROHEART II - comparing policies to reduce future coronary heart disease mortality in nine European countries: modelling study. <i>Journal of Epidemiology and Community Health</i> , 2014 , 68, A36.1-A36 ^{5.1}		1
28	Persistent Chlamydia Pneumoniae serology is related to decline in lung function in women but not in men. Effect of persistent Chlamydia pneumoniae infection on lung function. <i>BMC Pulmonary Medicine</i> , 2010 , 10, 44	3.5	1
27	Cerebrovascular Risk-Factors of Prevalent and Incident Brain Infarcts in the General Population: The AGES-Reykjavik Study. <i>Stroke</i> , 2021 , STROKEAHA121034130	6.7	1
26	Severe volcanic SO2 exposure and respiratory morbidities in the Icelandic population  register study		1
25	Cross-sectional study of early postpartum pelvic floor dysfunction and related bother in primiparous women 6-10 weeks postpartum. <i>International Urogynecology Journal</i> , 2021 , 32, 1847-1855	2	1
24	A model for social spreading of Covid-19: Cases of Mexico, Finland and Iceland. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2021 , 582, 126274	3.3	1
23	A population-based study on serious inpatient bacterial infections in patients with chronic lymphocytic leukemia and their impact on survival. <i>European Journal of Haematology</i> , 2020 , 105, 547-554 ^{2.8}		0
22	The risk of developing a mismatch repair deficient colorectal cancer after undergoing cholecystectomy. <i>Scandinavian Journal of Gastroenterology</i> , 2018 , 53, 972-975	2.4	0
21	Prevalence of Smoldering Multiple Myeloma: Results from the Iceland Screens, Treats, or Prevents Multiple Myeloma (iStopMM) Study. <i>Blood</i> , 2021 , 138, 151-151	2.2	0
20	Lifetime exposure to violence and other life stressors and hair cortisol concentration in women.. <i>Stress</i> , 2021 , 1-15	3	0
19	Diffuse idiopathic skeletal hyperostosis in elderly Icelanders and its association with the metabolic syndrome: the AGES-Reykjavik Study. <i>Scandinavian Journal of Rheumatology</i> , 2021 , 50, 314-318	1.9	0

18	Randomized Trial for Weight Loss Using a Digital Therapeutic Application. <i>Journal of Diabetes Science and Technology</i> , 2021 , 19322968211000815	4.1	○
17	Untangling fracture risk in monoclonal gammopathy of undetermined significance: A population-based cohort study. <i>European Journal of Haematology</i> , 2021 , 107, 137-144	3.8	○
16	Exploratory assessment of pineal gland volume, composition, and urinary 6-sulfatoxymelatonin levels on prostate cancer risk. <i>Prostate</i> , 2021 , 81, 487-496	4.2	○
15	Optimal communication associated with lower risk of acute traumatic stress after lung cancer diagnosis. <i>Supportive Care in Cancer</i> , 2022 , 30, 259-269	3.9	○
14	Association between adverse childhood experiences and premenstrual disorders: a cross-sectional analysis of 11,973 women.. <i>BMC Medicine</i> , 2022 , 20, 60	11.4	○
13	Different components of excessive daytime sleepiness and the change with positive airway pressure treatment in patients with obstructive sleep apnea: Results from the Icelandic Sleep Apnea Cohort (ISAC). <i>Journal of Sleep Research</i> , 2021 , e13528	5.8	○
12	APOE ϵ and late-life cognition: mediation by structural brain imaging markers.. <i>European Journal of Epidemiology</i> , 2022 , 1	12.1	○
11	OP0099 3d Cortical Bone Mapping of The Proximal Femur in A Large Prospective Population-Based Study Supports The Ganz Hypothesis of Hip Osteoarthritis Causation: The Ages-Reykjavik Study. <i>Annals of the Rheumatic Diseases</i> , 2016 , 75, 92.1-92	2.4	
10	Type 2 diabetes and obesity in midlife and breast cancer risk in the Reykjavik cohort. <i>Cancer Causes and Control</i> , 2019 , 30, 1057-1065	2.8	
9	O1-03-01: The combined effect of midlife hypertension status and late-life blood pressure on brain volumes: The AGES-Reykjavik Study 2012 , 8, P88-P88		
8	O2-10-01: Body mass index in midlife is not associated with dementia and brain damage 2012 , 8, P254-P254		
7	Is atrial fibrillation associated with a decrease in total brain perfusion?. <i>European Heart Journal</i> , 2013 , 34, P4080-P4080	9.5	
6	Binormal association-marginal models for empirically evaluating and comparing diagnostics. <i>Statistical Modelling</i> , 2001 , 1, 49-64	0.7	
5	Dietary patterns in adolescence and risk of colorectal cancer: a population-based study. <i>Cancer Causes and Control</i> , 2021 , 33, 205	2.8	
4	Association Between Sleep Duration and Mid-Thigh Muscle Composition. <i>Medicine and Science in Sports and Exercise</i> , 2017 , 49, 770	1.2	
3	Accelerated decline in quadriceps area and Timed Up and Go test performance are associated with hip fracture risk in older adults with impaired kidney function. <i>Experimental Gerontology</i> , 2021 , 149, 1113-1124	4.5	
2	Genetically elevated high-density lipoprotein cholesterol through the cholesteryl ester transfer protein gene does not associate with risk of Alzheimer's disease. <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , 2018 , 10, 595-598	5.2	
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