

Albert Hofman

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

592
papers

52,621
citations

108
h-index

211
g-index

648
ext. papers

64,092
ext. citations

9
avg, IF

6.87
L-index

| # | Paper | IF | Citations |
|-----|---|------|-----------|
| 592 | Genetic studies of body mass index yield new insights for obesity biology. <i>Nature</i> , 2015 , 518, 197-206 | 50.4 | 2687 |
| 591 | Discovery and refinement of loci associated with lipid levels. <i>Nature Genetics</i> , 2013 , 45, 1274-1283 | 36.3 | 1904 |
| 590 | Genetic variants in novel pathways influence blood pressure and cardiovascular disease risk. <i>Nature</i> , 2011 , 478, 103-9 | 50.4 | 1564 |
| 589 | Large-scale association analysis provides insights into the genetic architecture and pathophysiology of type 2 diabetes. <i>Nature Genetics</i> , 2012 , 44, 981-90 | 36.3 | 1482 |
| 588 | Six new loci associated with body mass index highlight a neuronal influence on body weight regulation. <i>Nature Genetics</i> , 2009 , 41, 25-34 | 36.3 | 1368 |
| 587 | A comprehensive 1,000 Genomes-based genome-wide association meta-analysis of coronary artery disease. <i>Nature Genetics</i> , 2015 , 47, 1121-1130 | 36.3 | 1290 |
| 586 | Atherosclerosis, apolipoprotein E, and prevalence of dementia and Alzheimer's disease in the Rotterdam Study. <i>Lancet, The</i> , 1997 , 349, 151-4 | 40 | 1142 |
| 585 | Genome-wide association study identifies 74 loci associated with educational attainment. <i>Nature</i> , 2016 , 533, 539-42 | 50.4 | 850 |
| 584 | Cerebral white matter lesions and cognitive function: The Rotterdam scan study. <i>Annals of Neurology</i> , 2000 , 47, 145-151 | 9.4 | 769 |
| 583 | Presenile dementia and cerebral haemorrhage linked to a mutation at codon 692 of the beta-amyloid precursor protein gene. <i>Nature Genetics</i> , 1992 , 1, 218-21 | 36.3 | 652 |
| 582 | Dietary fat intake and the risk of incident dementia in the Rotterdam Study. <i>Annals of Neurology</i> , 1997 , 42, 776-82 | 9.4 | 651 |
| 581 | Large-scale association analyses identify new loci influencing glycemic traits and provide insight into the underlying biological pathways. <i>Nature Genetics</i> , 2012 , 44, 991-1005 | 36.3 | 621 |
| 580 | Genetic variants associated with subjective well-being, depressive symptoms, and neuroticism identified through genome-wide analyses. <i>Nature Genetics</i> , 2016 , 48, 624-33 | 36.3 | 602 |
| 579 | Peripheral arterial disease in the elderly: The Rotterdam Study. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 1998 , 18, 185-92 | 9.4 | 543 |
| 578 | DNA methylation-based measures of biological age: meta-analysis predicting time to death. <i>Ageing</i> , 2016 , 8, 1844-1865 | 5.6 | 531 |
| 577 | Epigenome-wide association study of body mass index, and the adverse outcomes of adiposity. <i>Nature</i> , 2017 , 541, 81-86 | 50.4 | 511 |
| 576 | Rare coding variants in PLCG2, ABI3, and TREM2 implicate microglial-mediated innate immunity in Alzheimer's disease. <i>Nature Genetics</i> , 2017 , 49, 1373-1384 | 36.3 | 508 |

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|-----|---|------|-----|
| 575 | DNA Methylation in Newborns and Maternal Smoking in Pregnancy: Genome-wide Consortium Meta-analysis. <i>American Journal of Human Genetics</i> , 2016 , 98, 680-96 | 11 | 489 |
| 574 | Atrial fibrillation and dementia in a population-based study. The Rotterdam Study. <i>Stroke</i> , 1997 , 28, 316-27 | | 445 |
| 573 | The Generation R Study: design and cohort update 2012. <i>European Journal of Epidemiology</i> , 2012 , 27, 739-56 | 12.1 | 442 |
| 572 | Apolipoprotein E4 allele in a population-based study of early-onset Alzheimer's disease. <i>Nature Genetics</i> , 1994 , 7, 74-8 | 36.3 | 413 |
| 571 | Association between alcohol and cardiovascular disease: Mendelian randomisation analysis based on individual participant data. <i>BMJ, The</i> , 2014 , 349, g4164 | 5.9 | 406 |
| 570 | Parent-of-origin-specific allelic associations among 106 genomic loci for age at menarche. <i>Nature</i> , 2014 , 514, 92-97 | 50.4 | 401 |
| 569 | Associations of C-reactive protein with measures of obesity, insulin resistance, and subclinical atherosclerosis in healthy, middle-aged women. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 1999 , 19, 1986-91 | 9.4 | 400 |
| 568 | Genome-wide association scan meta-analysis identifies three Loci influencing adiposity and fat distribution. <i>PLoS Genetics</i> , 2009 , 5, e1000508 | 6 | 393 |
| 567 | Genetic analysis of over 1 million people identifies 535 new loci associated with blood pressure traits. <i>Nature Genetics</i> , 2018 , 50, 1412-1425 | 36.3 | 386 |
| 566 | Meta-analysis of 375,000 individuals identifies 38 susceptibility loci for migraine. <i>Nature Genetics</i> , 2016 , 48, 856-66 | 36.3 | 355 |
| 565 | The transcriptional landscape of age in human peripheral blood. <i>Nature Communications</i> , 2015 , 6, 8570 | 17.4 | 335 |
| 564 | Multi-ancestry genome-wide association study of 21,000 cases and 95,000 controls identifies new risk loci for atopic dermatitis. <i>Nature Genetics</i> , 2015 , 47, 1449-1456 | 36.3 | 329 |
| 563 | Whole-genome sequencing identifies EN1 as a determinant of bone density and fracture. <i>Nature</i> , 2015 , 526, 112-7 | 50.4 | 308 |
| 562 | The Rotterdam Study: 2016 objectives and design update. <i>European Journal of Epidemiology</i> , 2015 , 30, 661-708 | 12.1 | 307 |
| 561 | The Rotterdam Study: 2018 update on objectives, design and main results. <i>European Journal of Epidemiology</i> , 2017 , 32, 807-850 | 12.1 | 296 |
| 560 | 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 |
| 559 | A genome-wide association meta-analysis identifies new childhood obesity loci. <i>Nature Genetics</i> , 2012 , 44, 526-31 | 36.3 | 292 |
| 558 | The risk and natural course of age-related maculopathy: follow-up at 6 1/2 years in the Rotterdam study. <i>JAMA Ophthalmology</i> , 2003 , 121, 519-26 | | 285 |

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|-----|---|------|-----|
| 557 | Genome-wide associations for birth weight and correlations with adult disease. <i>Nature</i> , 2016 , 538, 248-252. | 26.4 | 266 |
| 556 | Cerebral white matter lesions and cognitive function: the Rotterdam Scan Study. <i>Annals of Neurology</i> , 2000 , 47, 145-51 | 9.4 | 266 |
| 555 | Polygenic risk scores for schizophrenia and bipolar disorder predict creativity. <i>Nature Neuroscience</i> , 2015 , 18, 953-5 | 25.5 | 264 |
| 554 | The Rotterdam Study: 2012 objectives and design update. <i>European Journal of Epidemiology</i> , 2011 , 26, 657-86 | 12.1 | 255 |
| 553 | The Rotterdam Study: 2014 objectives and design update. <i>European Journal of Epidemiology</i> , 2013 , 28, 889-926 | 12.1 | 253 |
| 552 | The genetics of blood pressure regulation and its target organs from association studies in 342,415 individuals. <i>Nature Genetics</i> , 2016 , 48, 1171-1184 | 36.3 | 251 |
| 551 | The Rotterdam Study: objectives and design update. <i>European Journal of Epidemiology</i> , 2007 , 22, 819-29 | 12.1 | 251 |
| 550 | Antiepileptic drug regimens and major congenital abnormalities in the offspring. <i>Annals of Neurology</i> , 1999 , 46, 739-746 | 9.4 | 247 |
| 549 | Identification of context-dependent expression quantitative trait loci in whole blood. <i>Nature Genetics</i> , 2017 , 49, 139-145 | 36.3 | 240 |
| 548 | Bone density and risk of hip fracture in men and women: cross sectional analysis. <i>BMJ: British Medical Journal</i> , 1997 , 315, 221-5 | | 240 |
| 547 | Hip fracture prediction in elderly men and women: validation in the Rotterdam study. <i>Journal of Bone and Mineral Research</i> , 1998 , 13, 1587-93 | 6.3 | 236 |
| 546 | Association of low-frequency and rare coding-sequence variants with blood lipids and coronary heart disease in 56,000 whites and blacks. <i>American Journal of Human Genetics</i> , 2014 , 94, 223-32 | 11 | 233 |
| 545 | Large-scale genomic analyses link reproductive aging to hypothalamic signaling, breast cancer susceptibility and BRCA1-mediated DNA repair. <i>Nature Genetics</i> , 2015 , 47, 1294-1303 | 36.3 | 226 |
| 544 | PCSK9 genetic variants and risk of type 2 diabetes: a mendelian randomisation study. <i>Lancet Diabetes and Endocrinology</i> , 2017 , 5, 97-105 | 18.1 | 225 |
| 543 | Trans-ancestry genome-wide association study identifies 12 genetic loci influencing blood pressure and implicates a role for DNA methylation. <i>Nature Genetics</i> , 2015 , 47, 1282-1293 | 36.3 | 223 |
| 542 | Increasing Prevalence of Myopia in Europe and the Impact of Education. <i>Ophthalmology</i> , 2015 , 122, 1489-97 | 9.7 | 220 |
| 541 | The Influence of Age and Sex on Genetic Associations with Adult Body Size and Shape: A Large-Scale Genome-Wide Interaction Study. <i>PLoS Genetics</i> , 2015 , 11, e1005378 | 6 | 220 |
| 540 | The Rotterdam Study: 2010 objectives and design update. <i>European Journal of Epidemiology</i> , 2009 , 24, 553-72 | 12.1 | 213 |

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|-----|---|------|-----|
| 539 | Increased common carotid intima-media thickness. Adaptive response or a reflection of atherosclerosis? Findings from the Rotterdam Study. <i>Stroke</i> , 1997 , 28, 2442-7 | 6.7 | 205 |
| 538 | Cerebral Perfusion and the Risk of Dementia: A Population-Based Study. <i>Circulation</i> , 2017 , 136, 719-728 | 16.7 | 203 |
| 537 | Genome-wide association analysis identifies three new susceptibility loci for childhood body mass index. <i>Human Molecular Genetics</i> , 2016 , 25, 389-403 | 5.6 | 202 |
| 536 | Association of radiographically evident osteoarthritis with higher bone mineral density and increased bone loss with age. The Rotterdam Study. <i>Arthritis and Rheumatism</i> , 1996 , 39, 81-6 | | 200 |
| 535 | Genetic association study of QT interval highlights role for calcium signaling pathways in myocardial repolarization. <i>Nature Genetics</i> , 2014 , 46, 826-36 | 36.3 | 199 |
| 534 | Genome-wide analysis identifies 12 loci influencing human reproductive behavior. <i>Nature Genetics</i> , 2016 , 48, 1462-1472 | 36.3 | 198 |
| 533 | Long-term effects of neonatal sodium restriction on blood pressure. <i>Hypertension</i> , 1997 , 29, 913-7 | 8.5 | 198 |
| 532 | Is carotid intima-media thickness useful in cardiovascular disease risk assessment? The Rotterdam Study. <i>Stroke</i> , 2001 , 32, 1532-8 | 6.7 | 196 |
| 531 | 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 |
| 530 | Association of Cerebral Microbleeds With Cognitive Decline and Dementia. <i>JAMA Neurology</i> , 2016 , 73, 934-43 | 17.2 | 185 |
| 529 | The Genome of the Netherlands: design, and project goals. <i>European Journal of Human Genetics</i> , 2014 , 22, 221-7 | 5.3 | 184 |
| 528 | Maternal and fetal genetic effects on birth weight and their relevance to cardio-metabolic risk factors. <i>Nature Genetics</i> , 2019 , 51, 804-814 | 36.3 | 181 |
| 527 | The Generation R Study Biobank: a resource for epidemiological studies in children and their parents. <i>European Journal of Epidemiology</i> , 2007 , 22, 917-23 | 12.1 | 179 |
| 526 | Presence of diabetes mellitus and steatosis is associated with liver stiffness in a general population: The Rotterdam study. <i>Hepatology</i> , 2016 , 63, 138-47 | 11.2 | 175 |
| 525 | Novel genetic loci associated with hippocampal volume. <i>Nature Communications</i> , 2017 , 8, 13624 | 17.4 | 173 |
| 524 | Maternal plasma folate impacts differential DNA methylation in an epigenome-wide meta-analysis of newborns. <i>Nature Communications</i> , 2016 , 7, 10577 | 17.4 | 172 |
| 523 | Genome-wide analysis of multi-ancestry cohorts identifies new loci influencing intraocular pressure and susceptibility to glaucoma. <i>Nature Genetics</i> , 2014 , 46, 1126-1130 | 36.3 | 171 |
| 522 | DNA methylation signatures of chronic low-grade inflammation are associated with complex diseases. <i>Genome Biology</i> , 2016 , 17, 255 | 18.3 | 171 |

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| 521 | The potential for prevention of dementia across two decades: the prospective, population-based Rotterdam Study. <i>BMC Medicine</i> , 2015 , 13, 132 | 11.4 | 170 |
| 520 | Whole-exome sequencing identifies rare and low-frequency coding variants associated with LDL cholesterol. <i>American Journal of Human Genetics</i> , 2014 , 94, 233-45 | 11 | 170 |
| 519 | Genome-wide meta-analysis identifies six novel loci associated with habitual coffee consumption. <i>Molecular Psychiatry</i> , 2015 , 20, 647-656 | 15.1 | 167 |
| 518 | The Generation R Study: Biobank update 2015. <i>European Journal of Epidemiology</i> , 2014 , 29, 911-27 | 12.1 | 166 |
| 517 | Dietary antioxidants and risk of myocardial infarction in the elderly: the Rotterdam Study. <i>American Journal of Clinical Nutrition</i> , 1999 , 69, 261-6 | 7 | 163 |
| 516 | Pharmacogenetic meta-analysis of genome-wide association studies of LDL cholesterol response to statins. <i>Nature Communications</i> , 2014 , 5, 5068 | 17.4 | 160 |
| 515 | A large-scale population-based study of the association of vitamin D receptor gene polymorphisms with bone mineral density. <i>Journal of Bone and Mineral Research</i> , 1996 , 11, 1241-8 | 6.3 | 157 |
| 514 | First trimester fetal growth restriction and cardiovascular risk factors in school age children: population based cohort study. <i>BMJ, The</i> , 2014 , 348, g14 | 5.9 | 151 |
| 513 | Case-control analysis of bone resorption markers, disability, and hip fracture risk: the Rotterdam study. <i>BMJ: British Medical Journal</i> , 1996 , 312, 482-3 | | 151 |
| 512 | Genome Analyses of >200,000 Individuals Identify 58 Loci for Chronic Inflammation and Highlight Pathways that Link Inflammation and Complex Disorders. <i>American Journal of Human Genetics</i> , 2018 , 103, 691-706 | 11 | 151 |
| 511 | KLB is associated with alcohol drinking, and its gene product β klotho is necessary for FGF21 regulation of alcohol preference. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016 , 113, 14372-14377 | 11.5 | 150 |
| 510 | Genetic Evidence for Causal Relationships Between Maternal Obesity-Related Traits and Birth Weight. <i>JAMA - Journal of the American Medical Association</i> , 2016 , 315, 1129-40 | 27.4 | 149 |
| 509 | A follow-up study of blood pressure and cerebral white matter lesions. <i>Annals of Neurology</i> , 1999 , 46, 827-833 | 9.4 | 149 |
| 508 | Low-frequency and rare exome chip variants associate with fasting glucose and type 2 diabetes susceptibility. <i>Nature Communications</i> , 2015 , 6, 5897 | 17.4 | 147 |
| 507 | Novel genetic loci underlying human intracranial volume identified through genome-wide association. <i>Nature Neuroscience</i> , 2016 , 19, 1569-1582 | 25.5 | 147 |
| 506 | Sex differences in lifetime risk and first manifestation of cardiovascular disease: prospective population based cohort study. <i>BMJ, The</i> , 2014 , 349, g5992 | 5.9 | 142 |
| 505 | The Giessen Pulmonary Hypertension Registry: Survival in pulmonary hypertension subgroups. <i>Journal of Heart and Lung Transplantation</i> , 2017 , 36, 957-967 | 5.8 | 138 |
| 504 | Trajectories of picky eating during childhood: A general population study. <i>International Journal of Eating Disorders</i> , 2015 , 48, 570-9 | 6.3 | 138 |

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| 503 | Cerebral Microbleeds Are Associated With an Increased Risk of Stroke: The Rotterdam Study. <i>Circulation</i> , 2015 , 132, 509-16 | 16.7 | 135 |
| 502 | A genome-wide association study of depressive symptoms. <i>Biological Psychiatry</i> , 2013 , 73, 667-78 | 7.9 | 135 |
| 501 | Genome-wide association meta-analysis highlights light-induced signaling as a driver for refractive error. <i>Nature Genetics</i> , 2018 , 50, 834-848 | 36.3 | 135 |
| 500 | Association Between Atrial Fibrillation and Dementia in the General Population. <i>JAMA Neurology</i> , 2015 , 72, 1288-94 | 17.2 | 133 |
| 499 | Maternal Mild Thyroid Hormone Insufficiency in Early Pregnancy and Attention-Deficit/Hyperactivity Disorder Symptoms in Children. <i>JAMA Pediatrics</i> , 2015 , 169, 838-45 | 8.3 | 130 |
| 498 | Lifetime risk of developing impaired glucose metabolism and eventual progression from prediabetes to type 2 diabetes: a prospective cohort study. <i>Lancet Diabetes and Endocrinology</i> , 2016 , 4, 44-51 | 18.1 | 128 |
| 497 | 10-year trajectories of depressive symptoms and risk of dementia: a population-based study. <i>Lancet Psychiatry</i> , 2016 , 3, 628-35 | 23.3 | 128 |
| 496 | Tract-specific white matter degeneration in aging: the Rotterdam Study. <i>Alzheimer's and Dementia</i> , 2015 , 11, 321-30 | 1.2 | 127 |
| 495 | Association of Axial Length With Risk of Uncorrectable Visual Impairment for Europeans With Myopia. <i>JAMA Ophthalmology</i> , 2016 , 134, 1355-1363 | 3.9 | 125 |
| 494 | Prevalence and incidence of COPD in smokers and non-smokers: the Rotterdam Study. <i>European Journal of Epidemiology</i> , 2016 , 31, 785-92 | 12.1 | 123 |
| 493 | Intracranial carotid artery atherosclerosis and the risk of stroke in whites: the Rotterdam Study. <i>JAMA Neurology</i> , 2014 , 71, 405-11 | 17.2 | 122 |
| 492 | Medical record validation of maternally reported history of preeclampsia. <i>Journal of Clinical Epidemiology</i> , 2010 , 63, 932-7 | 5.7 | 117 |
| 491 | The apolipoprotein E epsilon 2 allele is associated with an increased risk of early-onset Alzheimer's disease and a reduced survival. <i>Annals of Neurology</i> , 1995 , 37, 605-10 | 9.4 | 115 |
| 490 | Prevalence of epilepsy in the elderly: the Rotterdam Study. <i>Epilepsia</i> , 1996 , 37, 141-7 | 6.4 | 114 |
| 489 | Heritabilities of radiologic osteoarthritis in peripheral joints and of disc degeneration of the spine. <i>Arthritis and Rheumatism</i> , 1999 , 42, 1729-35 | | 113 |
| 488 | Subclinical Hypothyroidism and the Risk of Stroke Events and Fatal Stroke: An Individual Participant Data Analysis. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2015 , 100, 2181-91 | 5.6 | 112 |
| 487 | Psoriasis is independently associated with nonalcoholic fatty liver disease in patients 55 years old or older: Results from a population-based study. <i>Journal of the American Academy of Dermatology</i> , 2014 , 70, 517-24 | 4.5 | 112 |
| 486 | 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 |

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| 485 | Prevalence, incidence, and lifetime risk for the development of COPD in the elderly: the Rotterdam study. <i>Chest</i> , 2009 , 135, 368-377 | 5.3 | 111 |
| 484 | Variation in the glucose transporter gene SLC2A2 is associated with glycemic response to metformin. <i>Nature Genetics</i> , 2016 , 48, 1055-1059 | 36.3 | 108 |
| 483 | Genome-wide meta-analysis uncovers novel loci influencing circulating leptin levels. <i>Nature Communications</i> , 2016 , 7, 10494 | 17.4 | 107 |
| 482 | Phenotypic dissection of bone mineral density reveals skeletal site specificity and facilitates the identification of novel loci in the genetic regulation of bone mass attainment. <i>PLoS Genetics</i> , 2014 , 10, e1004423 | 6 | 107 |
| 481 | Genome-wide association analysis identifies six new loci associated with forced vital capacity. <i>Nature Genetics</i> , 2014 , 46, 669-77 | 36.3 | 104 |
| 480 | Severe osteoarthritis of the hand associates with common variants within the ALDH1A2 gene and with rare variants at 1p31. <i>Nature Genetics</i> , 2014 , 46, 498-502 | 36.3 | 104 |
| 479 | Genome-wide physical activity interactions in adiposity - A meta-analysis of 200,452 adults. <i>PLoS Genetics</i> , 2017 , 13, e1006528 | 6 | 103 |
| 478 | Novel genetic markers associate with atrial fibrillation risk in Europeans and Japanese. <i>Journal of the American College of Cardiology</i> , 2014 , 63, 1200-1210 | 15.1 | 102 |
| 477 | Genome-wide association study of offspring birth weight in 86 577 women identifies five novel loci and highlights maternal genetic effects that are independent of fetal genetics. <i>Human Molecular Genetics</i> , 2018 , 27, 742-756 | 5.6 | 98 |
| 476 | Aortic atherosclerosis at middle age predicts cerebral white matter lesions in the elderly. <i>Stroke</i> , 2000 , 31, 425-9 | 6.7 | 96 |
| 475 | A meta-analysis of genome-wide association studies identifies novel variants associated with osteoarthritis of the hip. <i>Annals of the Rheumatic Diseases</i> , 2014 , 73, 2130-6 | 2.4 | 95 |
| 474 | Common variants at 12q15 and 12q24 are associated with infant head circumference. <i>Nature Genetics</i> , 2012 , 44, 532-538 | 36.3 | 94 |
| 473 | Normal values of the electrocardiogram for ages 16-90 years. <i>Journal of Electrocardiology</i> , 2014 , 47, 914-21 | 11 | 93 |
| 472 | Growth, development and health from early fetal life until young adulthood: the Generation R Study. <i>Paediatric and Perinatal Epidemiology</i> , 2004 , 18, 61-72 | 2.7 | 93 |
| 471 | Low ADAMTS13 activity is associated with an increased risk of ischemic stroke. <i>Blood</i> , 2015 , 126, 2739-46 | 2.2 | 92 |
| 470 | Secretory phospholipase A(2)-IIA and cardiovascular disease: a mendelian randomization study. <i>Journal of the American College of Cardiology</i> , 2013 , 62, 1966-1976 | 15.1 | 91 |
| 469 | Plasma tau, neurofilament light chain and amyloid- β levels and risk of dementia; a population-based cohort study. <i>Brain</i> , 2020 , 143, 1220-1232 | 11.2 | 90 |
| 468 | Maternal vitamin D concentrations during pregnancy, fetal growth patterns, and risks of adverse birth outcomes. <i>American Journal of Clinical Nutrition</i> , 2016 , 103, 1514-22 | 7 | 90 |

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|-----|---|------|----|
| 467 | Thyroid Function and the Risk of Nonalcoholic Fatty Liver Disease: The Rotterdam Study. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2016 , 101, 3204-11 | 5.6 | 89 |
| 466 | Interaction between the vitamin D receptor gene and collagen type Ialpha1 gene in susceptibility for fracture. <i>Journal of Bone and Mineral Research</i> , 2001 , 16, 379-85 | 6.3 | 87 |
| 465 | Prevalence of polyneuropathy in the general middle-aged and elderly population. <i>Neurology</i> , 2016 , 87, 1892-1898 | 6.5 | 87 |
| 464 | Genome-wide association study of kidney function decline in individuals of European descent. <i>Kidney International</i> , 2015 , 87, 1017-29 | 9.9 | 83 |
| 463 | Visual consequences of refractive errors in the general population. <i>Ophthalmology</i> , 2015 , 122, 101-9 | 7.3 | 82 |
| 462 | Proton pump inhibitors and hypomagnesemia in the general population: a population-based cohort study. <i>American Journal of Kidney Diseases</i> , 2015 , 66, 775-82 | 7.4 | 81 |
| 461 | Prenatal exposure to selective serotonin reuptake inhibitors and social responsiveness symptoms of autism: population-based study of young children. <i>British Journal of Psychiatry</i> , 2014 , 205, 95-102 | 5.4 | 81 |
| 460 | Pleiotropic genes for metabolic syndrome and inflammation. <i>Molecular Genetics and Metabolism</i> , 2014 , 112, 317-38 | 3.7 | 81 |
| 459 | Vascular determinants of epilepsy: the Rotterdam Study. <i>Epilepsia</i> , 1997 , 38, 1216-20 | 6.4 | 81 |
| 458 | Genetic architecture of subcortical brain structures in 38,851 individuals. <i>Nature Genetics</i> , 2019 , 51, 1624-1636 | 5.6 | 81 |
| 457 | New insights into the genetics of primary open-angle glaucoma based on meta-analyses of intraocular pressure and optic disc characteristics. <i>Human Molecular Genetics</i> , 2017 , 26, 438-453 | 5.6 | 80 |
| 456 | Gene-age interactions in blood pressure regulation: a large-scale investigation with the CHARGE, Global BPgen, and ICBP Consortia. <i>American Journal of Human Genetics</i> , 2014 , 95, 24-38 | 11 | 80 |
| 455 | A genome-wide association study for venous thromboembolism: the extended cohorts for heart and aging research in genomic epidemiology (CHARGE) consortium. <i>Genetic Epidemiology</i> , 2013 , 37, 512-521 | 2.6 | 80 |
| 454 | Age-related accrual of methylomic variability is linked to fundamental ageing mechanisms. <i>Genome Biology</i> , 2016 , 17, 191 | 18.3 | 80 |
| 453 | Prevalence and Prognostic Implications of Coronary Artery Calcification in Low-Risk Women: A Meta-analysis. <i>JAMA - Journal of the American Medical Association</i> , 2016 , 316, 2126-2134 | 27.4 | 79 |
| 452 | Meta-analysis of gene-environment-wide association scans accounting for education level identifies additional loci for refractive error. <i>Nature Communications</i> , 2016 , 7, 11008 | 17.4 | 79 |
| 451 | DNA methylation profiles at birth and child ADHD symptoms. <i>Journal of Psychiatric Research</i> , 2014 , 49, 51-9 | 5.2 | 79 |
| 450 | Psoriasis is not associated with atherosclerosis and incident cardiovascular events: the Rotterdam Study. <i>Journal of Investigative Dermatology</i> , 2013 , 133, 2347-2354 | 4.3 | 78 |

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|-----|--|------|----|
| 449 | Thyroid function and risk of type 2 diabetes: a population-based prospective cohort study. <i>BMC Medicine</i> , 2016 , 14, 150 | 11.4 | 78 |
| 448 | Maternal dietary patterns during pregnancy and child internalising and externalising problems. The Generation R Study. <i>Clinical Nutrition</i> , 2014 , 33, 115-21 | 5.9 | 77 |
| 447 | 52 Genetic Loci Influencing Myocardial Mass. <i>Journal of the American College of Cardiology</i> , 2016 , 68, 1435-1448 | 15.1 | 76 |
| 446 | Prevalence, Clinical Management, and Natural Course of Incidental Findings on Brain MR Images: The Population-based Rotterdam Scan Study. <i>Radiology</i> , 2016 , 281, 507-515 | 20.5 | 76 |
| 445 | Cam Deformity and Acetabular Dysplasia as Risk Factors for Hip Osteoarthritis. <i>Arthritis and Rheumatology</i> , 2017 , 69, 86-93 | 9.5 | 76 |
| 444 | Determinants of locomotor disability in people aged 55 years and over: the Rotterdam Study. <i>European Journal of Epidemiology</i> , 2001 , 17, 1033-41 | 12.1 | 76 |
| 443 | Adjacent genes, for COL2A1 and the vitamin D receptor, are associated with separate features of radiographic osteoarthritis of the knee. <i>Arthritis and Rheumatism</i> , 2000 , 43, 1456-64 | | 76 |
| 442 | Body shape index in comparison with other anthropometric measures in prediction of total and cause-specific mortality. <i>Journal of Epidemiology and Community Health</i> , 2016 , 70, 90-6 | 5.1 | 75 |
| 441 | Whole-Genome Sequencing Coupled to Imputation Discovers Genetic Signals for Anthropometric Traits. <i>American Journal of Human Genetics</i> , 2017 , 100, 865-884 | 11 | 74 |
| 440 | Parental psychological distress during pregnancy and wheezing in preschool children: the Generation R Study. <i>Journal of Allergy and Clinical Immunology</i> , 2014 , 133, 59-67.e1-12 | 11.5 | 74 |
| 439 | Prestroke cognitive performance, incident stroke, and risk of dementia: the Rotterdam Study. <i>Stroke</i> , 2008 , 39, 36-41 | 6.7 | 74 |
| 438 | Twenty-seven-year time trends in dementia incidence in Europe and the United States: The Alzheimer Cohorts Consortium. <i>Neurology</i> , 2020 , 95, e519-e531 | 6.5 | 73 |
| 437 | Inflammatory markers and the risk of dementia and Alzheimer's disease: A meta-analysis. <i>Alzheimer's and Dementia</i> , 2018 , 14, 1450-1459 | 1.2 | 73 |
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| 33 | Decreased complexity and increased variability in systolic blood pressure are associated with elevated long-term risk of dementia: The Rotterdam Study. <i>Alzheimer's and Dementia</i> , 2020 , 16, e041587 ¹⁻² | | 2 |
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| 25 | O4-10-04: AMINO TERMINAL PRO B-TYPE NATRIURETIC PEPTIDE IN RELATION TO COGNITIVE DECLINE AND RISK OF DEMENTIA: THE ROTTERDAM STUDY 2014 , 10, P272-P272 | | 1 |
| 24 | P2-288: DETERMINANTS, MRI-CORRELATES, AND PROGNOSIS OF MILD COGNITIVE IMPAIRMENT: THE ROTTERDAM STUDY 2014 , 10, P582-P583 | | 1 |
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| 20 | P1-381: Evaluation of The Absolute Genetic Risk of Alzheimer's Disease in The Aging Population 2016 , 12, P578-P578 | | 1 |
| 19 | O2-09-03: Orthostatic Hypotension and the Long-Term Risk of Dementia: A Population-Based Study 2016 , 12, P248-P248 | | 1 |
| 18 | P1-396: Simple Test of Manual Dexterity Can Identify Persons at High Risk for Neurodegenerative Diseases in The Community 2016 , 12, P585-P585 | | 1 |

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| 15 | Longitudinal Body Weight Change, Visit-To-Visit Body Weight Fluctuation, and Cognitive Decline Among Older Adults. <i>Journal of Alzheimer's Disease</i> , 2021 , 84, 777-786 | 4.3 | 1 |
| 14 | O1-13-05: Mild Cognitive Impairment and Risk of Depression and Anxiety: a Population-Based Study 2016 , 12, P211-P211 | | 0 |
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| 12 | APOE ϵ and late-life cognition: mediation by structural brain imaging markers.. <i>European Journal of Epidemiology</i> , 2022 , 1 | 12.1 | 0 |
| 11 | O4-08-03: GENETIC RISK OF NEURODEGENERATIVE DISEASES IS ASSOCIATED WITH MILD COGNITIVE IMPAIRMENT AND CONVERSION TO DEMENTIA: THE ROTTERDAM STUDY 2014 , 10, P267-P267 | | |
| 10 | THE HEALTHY COFFEE-DRINKER EFFECT: DIFFERENT SHORT- AND LONG-TERM ASSOCIATIONS BETWEEN COFFEE INTAKE AND DEMENTIA 2014 , 10, P295-P296 | | |
| 9 | P3-311: SUBCLINICAL CARDIAC DYSFUNCTION INCREASES THE RISK OF ALZHEIMER'S DISEASE AND STROKE 2014 , 10, P744-P745 | | |
| 8 | O3-02-01: The potential for prevention of dementia across two decades: The rotterdam study 2015 , 11, P219-P219 | | |
| 7 | IC-P-187: Atherosclerotic calcification is related to cognitive decline 2013 , 9, P106-P106 | | |
| 6 | O2-11-01: Does cognitive reserve protect against dementia after a stroke or tia? the rotterdam study 2015 , 11, P199-P200 | | |
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| 3 | P1-013: Von Willebrand Factor and the Risk of Dementia: A Population-Based Study 2016 , 12, P404-P404 | | |
| 2 | O1-05-01: TRENDS IN INCIDENCE OF DEMENTIA AND ALZHEIMER'S DISEASE: RESULTS OF THE ALZHEIMER COHORTS CONSORTIUM 2018 , 14, P227-P227 | | |
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