

# Ingrid Meulenbelt

## List of Publications by Year in descending order

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214  
papers

12,348  
citations

28242

55  
h-index

31818

101  
g-index

246  
all docs

246  
docs citations

246  
times ranked

17750  
citing authors

#	ARTICLE	IF	CITATIONS
1	New genetic loci link adipose and insulin biology to body fat distribution. <i>Nature</i> , 2015, 518, 187-196.	13.7	1,328
2	Genome-wide association study identifies eight risk loci and implicates metabo-psychiatric origins for anorexia nervosa. <i>Nature Genetics</i> , 2019, 51, 1207-1214.	9.4	641
3	The transcriptional landscape of age in human peripheral blood. <i>Nature Communications</i> , 2015, 6, 8570.	5.8	533
4	Novel Loci for Adiponectin Levels and Their Influence on Type 2 Diabetes and Metabolic Traits: A Multi-Ethnic Meta-Analysis of 45,891 Individuals. <i>PLoS Genetics</i> , 2012, 8, e1002607.	1.5	419
5	Significant Locus and Metabolic Genetic Correlations Revealed in Genome-Wide Association Study of Anorexia Nervosa. <i>American Journal of Psychiatry</i> , 2017, 174, 850-858.	4.0	410
6	Identification of new susceptibility loci for osteoarthritis (arcOGEN): a genome-wide association study. <i>Lancet</i> , 2012, 380, 815-823.	6.3	373
7	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.	2.6	326
8	A genome-wide association study of anorexia nervosa. <i>Molecular Psychiatry</i> , 2014, 19, 1085-1094.	4.1	282
9	Osteoarthritis as a disease of the cartilage pericellular matrix. <i>Matrix Biology</i> , 2018, 71-72, 40-50.	1.5	276
10	Value of biomarkers in osteoarthritis: current status and perspectives. <i>Annals of the Rheumatic Diseases</i> , 2013, 72, 1756-1763.	0.5	241
11	A Meta-Analysis of Thyroid-Related Traits Reveals Novel Loci and Gender-Specific Differences in the Regulation of Thyroid Function. <i>PLoS Genetics</i> , 2013, 9, e1003266.	1.5	194
12	Identification and systematic annotation of tissue-specific differentially methylated regions using the Illumina 450k array. <i>Epigenetics and Chromatin</i> , 2013, 6, 26.	1.8	192
13	Identification of DIO2 as a new susceptibility locus for symptomatic osteoarthritis. <i>Human Molecular Genetics</i> , 2008, 17, 1867-1875.	1.4	190
14	Deciphering osteoarthritis genetics across 826,690 individuals from 9 populations. <i>Cell</i> , 2021, 184, 4784-4818.e17.	13.5	188
15	Large-scale analysis of association between <i>GDF5</i> and <i>FRZB</i> variants and osteoarthritis of the hip, knee, and hand. <i>Arthritis and Rheumatism</i> , 2009, 60, 1710-1721.	6.7	181
16	Genome-wide analyses identify a role for SLC17A4 and AADAT in thyroid hormone regulation. <i>Nature Communications</i> , 2018, 9, 4455.	5.8	181
17	A genome-wide association study identifies an osteoarthritis susceptibility locus on chromosome 7q22. <i>Arthritis and Rheumatism</i> , 2010, 62, 499-510.	6.7	178
18	A meta-analysis of European and Asian cohorts reveals a global role of a functional SNP in the 5' UTR of GDF5 with osteoarthritis susceptibility. <i>Human Molecular Genetics</i> , 2008, 17, 1497-1504.	1.4	156

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19	Genome-wide meta-analysis uncovers novel loci influencing circulating leptin levels. <i>Nature Communications</i> , 2016, 7, 10494.	5.8	153
20	Genes Involved in the Osteoarthritis Process Identified through Genome Wide Expression Analysis in Articular Cartilage; the RAAK Study. <i>PLoS ONE</i> , 2014, 9, e103056.	1.1	142
21	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.	9.4	136
22	RNA sequencing data integration reveals an miRNA interactome of osteoarthritis cartilage. <i>Annals of the Rheumatic Diseases</i> , 2019, 78, 270-277.	0.5	130
23	Evidence for familial aggregation of hand, hip, and spine but not knee osteoarthritis in siblings with multiple joint involvement: the GARP study. <i>Annals of the Rheumatic Diseases</i> , 2004, 64, 438-443.	0.5	129
24	Heritabilities of radiologic osteoarthritis in peripheral joints and of disc degeneration of the spine. <i>Arthritis and Rheumatism</i> , 1999, 42, 1729-1735.	6.7	127
25	Meta-analysis of genome-wide association studies confirms a susceptibility locus for knee osteoarthritis on chromosome 7q22. <i>Annals of the Rheumatic Diseases</i> , 2011, 70, 349-355.	0.5	126
26	Insights into the genetic architecture of osteoarthritis from stage 1 of the arcOGEN study. <i>Annals of the Rheumatic Diseases</i> , 2011, 70, 864-867.	0.5	119
27	Association of the frizzled-related protein gene with symptomatic osteoarthritis at multiple sites. <i>Arthritis and Rheumatism</i> , 2005, 52, 1077-1080.	6.7	118
28	Novel genetic variants associated with lumbar disc degeneration in northern Europeans: a meta-analysis of 4600 subjects. <i>Annals of the Rheumatic Diseases</i> , 2013, 72, 1141-1148.	0.5	118
29	Genome-wide association study meta-analysis of chronic widespread pain: evidence for involvement of the 5p15.2 region. <i>Annals of the Rheumatic Diseases</i> , 2013, 72, 427-436.	0.5	112
30	Assessment of Osteoarthritis Candidate Genes in a Meta-Analysis of Nine Genome-Wide Association Studies. <i>Arthritis and Rheumatology</i> , 2014, 66, 940-949.	2.9	108
31	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, 2130-2136.	0.5	108
32	Thumb base involvement in symptomatic hand osteoarthritis is associated with more pain and functional disability: Table 1. <i>Annals of the Rheumatic Diseases</i> , 2010, 69, 585-587.	0.5	106
33	Association of the interleukin-1 gene cluster with radiographic signs of osteoarthritis of the hip. <i>Arthritis and Rheumatism</i> , 2004, 50, 1179-1186.	6.7	98
34	Knee and hip articular cartilage have distinct epigenomic landscapes: implications for future cartilage regeneration approaches. <i>Annals of the Rheumatic Diseases</i> , 2014, 73, 2208-2212.	0.5	96
35	Urinary CTX-II levels are associated with radiographic subtypes of osteoarthritis in hip, knee, hand, and facet joints in subject with familial osteoarthritis at multiple sites: the GARP study. <i>Annals of the Rheumatic Diseases</i> , 2006, 65, 360-365.	0.5	94
36	Illness perceptions in patients with osteoarthritis: Change over time and association with disability. <i>Arthritis and Rheumatism</i> , 2009, 61, 1054-1061.	6.7	94

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37	Integrative epigenomics, transcriptomics and proteomics of patient chondrocytes reveal genes and pathways involved in osteoarthritis. <i>Scientific Reports</i> , 2017, 7, 8935.	1.6	90
38	Recommendations for standardization and phenotype definitions in genetic studies of osteoarthritis: the TREAT-OA consortium. <i>Osteoarthritis and Cartilage</i> , 2011, 19, 254-264.	0.6	82
39	Osteoarthritis susceptibility genes influence the association between hip morphology and osteoarthritis. <i>Arthritis and Rheumatism</i> , 2011, 63, 1349-1354.	6.7	82
40	Role of hormones in cartilage and joint metabolism. <i>Menopause</i> , 2013, 20, 578-586.	0.8	80
41	Novel Genetic Variants for Cartilage Thickness and Hip Osteoarthritis. <i>PLoS Genetics</i> , 2016, 12, e1006260.	1.5	76
42	Underlying molecular mechanisms of <i>DIO2</i> susceptibility in symptomatic osteoarthritis. <i>Annals of the Rheumatic Diseases</i> , 2015, 74, 1571-1579.	0.5	75
43	GREM1, FRZB and DKK1 mRNA levels correlate with osteoarthritis and are regulated by osteoarthritis-associated factors. <i>Arthritis Research and Therapy</i> , 2013, 15, R126.	1.6	74
44	Large-scale meta-analysis of interleukin-1 beta and interleukin-1 receptor antagonist polymorphisms on risk of radiographic hip and knee osteoarthritis and severity of knee osteoarthritis. <i>Osteoarthritis and Cartilage</i> , 2011, 19, 265-271.	0.6	72
45	Large scale meta-analysis of urinary C-terminal telopeptide, serum cartilage oligomeric protein and matrix metalloprotease degraded type II collagen and their role in prevalence, incidence and progression of osteoarthritis. <i>Osteoarthritis and Cartilage</i> , 2014, 22, 683-689.	0.6	72
46	Clinical and radiographic disease course of hand osteoarthritis and determinants of outcome after 6 years. <i>Annals of the Rheumatic Diseases</i> , 2011, 70, 68-73.	0.5	69
47	New insights into osteoarthritis: early developmental features of an ageing-related disease. <i>Current Opinion in Rheumatology</i> , 2008, 20, 553-559.	2.0	66
48	Genome-wide association and functional studies identify a role for matrix Gla protein in osteoarthritis of the hand. <i>Annals of the Rheumatic Diseases</i> , 2017, 76, 2046-2053.	0.5	64
49	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.	4.1	63
50	Association of a nsSNP in ADAMTS14 to some osteoarthritis phenotypes. <i>Osteoarthritis and Cartilage</i> , 2009, 17, 321-327.	0.6	62
51	A genetic association study of the IGF-1 gene and radiological osteoarthritis in a population-based cohort study (the Rotterdam study). <i>Annals of the Rheumatic Diseases</i> , 1998, 57, 371-374.	0.5	61
52	Clinical burden of erosive hand osteoarthritis and its relationship to nodes. <i>Annals of the Rheumatic Diseases</i> , 2010, 69, 1784-1788.	0.5	61
53	Genes expressed in blood link osteoarthritis with apoptotic pathways. <i>Annals of the Rheumatic Diseases</i> , 2014, 73, 1844-1853.	0.5	61
54	Clusters of biochemical markers are associated with radiographic subtypes of osteoarthritis (OA) in subject with familial OA at multiple sites. The GARP study. <i>Osteoarthritis and Cartilage</i> , 2007, 15, 379-385.	0.6	59

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55	A genome-wide association study suggests that a locus within the ataxin 2 binding protein 1 gene is associated with hand osteoarthritis: the Treat-OA consortium. <i>Journal of Medical Genetics</i> , 2009, 46, 614-616.	1.5	58
56	Amino acid profiling in urine by capillary zone electrophoresis â€“ mass spectrometry. <i>Journal of Chromatography A</i> , 2007, 1159, 149-153.	1.8	57
57	Association of matrilin-3 polymorphisms with spinal disc degeneration and osteoarthritis of the first carpometacarpal joint of the hand. <i>Annals of the Rheumatic Diseases</i> , 2006, 65, 1060-1066.	0.5	54
58	How does hip osteoarthritis differ from knee osteoarthritis?. <i>Osteoarthritis and Cartilage</i> , 2022, 30, 32-41.	0.6	54
59	Increased type II deiodinase protein in OA-affected cartilage and allelic imbalance of OA risk polymorphism rs225014 at DIO2 in human OA joint tissues. <i>Annals of the Rheumatic Diseases</i> , 2012, 71, 1254-1258.	0.5	53
60	Republished: Value of biomarkers in osteoarthritis: current status and perspectives. <i>Postgraduate Medical Journal</i> , 2014, 90, 171-178.	0.9	52
61	Association of the risk of osteoarthritis with high innate production of interleukin-1 $\beta$ and low innate production of interleukin-10 ex vivo, upon lipopolysaccharide stimulation. <i>Arthritis and Rheumatism</i> , 2005, 52, 1443-1450.	6.7	51
62	The <i>DOT1L</i> rs12982744 polymorphism is associated with osteoarthritis of the hip with genome-wide statistical significance in males. <i>Annals of the Rheumatic Diseases</i> , 2013, 72, 1264-1265.	0.5	51
63	Large replication study and meta-analyses of DVWA as an osteoarthritis susceptibility locus in European and Asian populations. <i>Human Molecular Genetics</i> , 2009, 18, 1518-1523.	1.4	50
64	Meta-analyses of genes modulating intracellular T3 bio-availability reveal a possible role for the DIO3 gene in osteoarthritis susceptibility. <i>Annals of the Rheumatic Diseases</i> , 2011, 70, 164-167.	0.5	50
65	Metabolic Age Based on the BBMRI-NL <sup>1</sup> H-NMR Metabolomics Repository as Biomarker of Age-related Disease. <i>Circulation Genomic and Precision Medicine</i> , 2020, 13, 541-547.	1.6	50
66	Innate production of tumour necrosis factor $\alpha$ and interleukin 10 is associated with radiological progression of knee osteoarthritis. <i>Annals of the Rheumatic Diseases</i> , 2008, 67, 1165-1169.	0.5	49
67	Investigation of the association of the CRTM and CRTL1 genes with radiographically evident osteoarthritis in subjects from the rotterdam study. <i>Arthritis and Rheumatism</i> , 1997, 40, 1760-1765.	6.7	47
68	Transcriptional Associations of Osteoarthritisâ€™Mediated Loss of Epigenetic Control in Articular Cartilage. <i>Arthritis and Rheumatology</i> , 2015, 67, 2108-2116.	2.9	47
69	A gain of function mutation in <i>TNFRSF11B</i> encoding osteoprotegerin causes osteoarthritis with chondrocalcinosis. <i>Annals of the Rheumatic Diseases</i> , 2015, 74, 1756-1762.	0.5	44
70	Arthropathy in long-term cured acromegaly is characterised by osteophytes without joint space narrowing: a comparison with generalised osteoarthritis. <i>Annals of the Rheumatic Diseases</i> , 2011, 70, 320-325.	0.5	43
71	Associations Between Attention-Deficit/Hyperactivity Disorder and Various Eating Disorders: A Swedish Nationwide Population Study Using Multiple Genetically Informative Approaches. <i>Biological Psychiatry</i> , 2019, 86, 577-586.	0.7	43
72	Haplotype analysis of three polymorphisms of the COL2A1 gene and associations with generalised radiological osteoarthritis. <i>Annals of Human Genetics</i> , 1999, 63, 393-400.	0.3	38

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73	RNA Sequencing Reveals Interacting Key Determinants of Osteoarthritis Acting in Subchondral Bone and Articular Cartilage: Identification of <i>IL11</i> and <i>CHADL</i> as Attractive Treatment Targets. <i>Arthritis and Rheumatology</i> , 2021, 73, 789-799.	2.9	38
74	Hip Ontogenesis: How Evolution, Genes, and Load History Shape Hip Morphotype and Cartilotype. <i>Clinical Orthopaedics and Related Research</i> , 2012, 470, 3284-3296.	0.7	35
75	Genetics of Human Aging: The Search for Genes Contributing to Human Longevity and Diseases of the Old. <i>Annals of the New York Academy of Sciences</i> , 2000, 908, 50-63.	1.8	32
76	Using ancestry-informative markers to identify fine structure across 15 populations of European origin. <i>European Journal of Human Genetics</i> , 2014, 22, 1190-1200.	1.4	32
77	The role of epigenetics in osteoarthritis: current perspective. <i>Current Opinion in Rheumatology</i> , 2017, 29, 119-129.	2.0	32
78	Investigation of common, low-frequency and rare genome-wide variation in anorexia nervosa. <i>Molecular Psychiatry</i> , 2018, 23, 1169-1180.	4.1	32
79	Allelic variation at the C-reactive protein gene associates to both hand osteoarthritis severity and serum high sensitive C-reactive protein levels in the GARP study. <i>Annals of the Rheumatic Diseases</i> , 2008, 67, 877-879.	0.5	31
80	The effect of forced exercise on knee joints in <i>Dio2<sup>+/+</sup></i> mice: type II iodothyronine deiodinase-deficient mice are less prone to develop OA-like cartilage damage upon excessive mechanical stress. <i>Annals of the Rheumatic Diseases</i> , 2016, 75, 571-577.	0.5	31
81	Interleukin-1 region meta-analysis with osteoarthritis phenotypes. <i>Osteoarthritis and Cartilage</i> , 2010, 18, 200-207.	0.6	30
82	The shared allelic architecture of adiponectin levels and coronary artery disease. <i>Atherosclerosis</i> , 2013, 229, 145-148.	0.4	30
83	Neo-cartilage engineered from primary chondrocytes is epigenetically similar to autologous cartilage, in contrast to using mesenchymal stem cells. <i>Osteoarthritis and Cartilage</i> , 2016, 24, 1423-1430.	0.6	29
84	Radiographic endophenotyping in hip osteoarthritis improves the precision of genetic association analysis. <i>Annals of the Rheumatic Diseases</i> , 2017, 76, 1199-1206.	0.5	29
85	Insulin-like growth factor I gene promoter polymorphism, collagen type II $\alpha 1$ (COL2A1) gene, and the prevalence of radiographic osteoarthritis: the Rotterdam Study. <i>Annals of the Rheumatic Diseases</i> , 2004, 63, 544-548.	0.5	28
86	The 23K Variant of the R23K Polymorphism in the Glucocorticoid Receptor Gene Protects against Postnatal Growth Failure and Insulin Resistance after Preterm Birth. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2007, 92, 4777-4782.	1.8	28
87	Influence of familial factors on radiologic disease progression over two years in siblings with osteoarthritis at multiple sites: A prospective longitudinal cohort study. <i>Arthritis and Rheumatism</i> , 2007, 57, 626-632.	6.7	28
88	Osteoarthritis year 2011 in review: genetics. <i>Osteoarthritis and Cartilage</i> , 2012, 20, 218-222.	0.6	28
89	Shared genetic risk between eating disorder and substance use related phenotypes: Evidence from genome-wide association studies. <i>Addiction Biology</i> , 2021, 26, e12880.	1.4	28
90	Eating Disorders: From Twin Studies to Candidate Genes and Beyond. <i>Twin Research and Human Genetics</i> , 2005, 8, 467-482.	0.3	27

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91	Systemic and local factors are involved in the evolution of erosions in hand osteoarthritis. <i>Annals of the Rheumatic Diseases</i> , 2011, 70, 326-330.	0.5	27
92	Anorexia nervosa and the Val158Met polymorphism of the COMT gene. <i>Psychiatric Genetics</i> , 2012, 22, 130-136.	0.6	27
93	Mortality in osteoarthritis patients. <i>Scandinavian Journal of Rheumatology</i> , 2015, 44, 70-73.	0.6	27
94	ANP32A regulates ATM expression and prevents oxidative stress in cartilage, brain, and bone. <i>Science Translational Medicine</i> , 2018, 10, .	5.8	27
95	Annotating Transcriptional Effects of Genetic Variants in Disease-Relevant Tissue: Transcriptome-Wide Allelic Imbalance in Osteoarthritic Cartilage. <i>Arthritis and Rheumatology</i> , 2019, 71, 561-570.	2.9	27
96	Strong linkage on 2q33.3 to familial early-onset generalized osteoarthritis and a consideration of two positional candidate genes. <i>European Journal of Human Genetics</i> , 2006, 14, 1280-1287.	1.4	26
97	Association study of candidate genes for the progression of hand osteoarthritis. <i>Osteoarthritis and Cartilage</i> , 2013, 21, 565-569.	0.6	26
98	Genome-wide association of phenotypes based on clustering patterns of hand osteoarthritis identify <i>WNT9A</i> as novel osteoarthritis gene. <i>Annals of the Rheumatic Diseases</i> , 2021, 80, 367-375.	0.5	26
99	Clustering of hand osteoarthritis progression and its relationship to progression of osteoarthritis at the knee. <i>Annals of the Rheumatic Diseases</i> , 2014, 73, 567-572.	0.5	25
100	Genetic linkage analysis of 14 candidate gene loci in a family with autosomal dominant osteoarthritis without dysplasia.. <i>Journal of Medical Genetics</i> , 1997, 34, 1024-1027.	1.5	24
101	Sex Differences in Sum Scores May Be Hard to Interpret. <i>Assessment</i> , 2009, 16, 415-423.	1.9	24
102	Time-efficient interleaved human <sup>23</sup> Na and <sup>1</sup> H data acquisition at 7 T. <i>NMR in Biomedicine</i> , 2015, 28, 1228-1235.	1.6	24
103	Genotype-Based Score Test for Association Testing in Families. <i>Statistics in Biosciences</i> , 2015, 7, 394-416.	0.6	24
104	Elucidating Epigenetic Regulation by Identifying Functional <i>cis</i> -Acting Long Noncoding RNAs and Their Targets in Osteoarthritic Articular Cartilage. <i>Arthritis and Rheumatology</i> , 2020, 72, 1845-1854.	2.9	24
105	Evidence for a role of the genomic region of the gene encoding for the $\alpha 1$ chain of type IX collagen (COL9A1) in hip osteoarthritis: A population-based study. <i>Arthritis and Rheumatism</i> , 2005, 52, 1437-1442.	6.7	23
106	A genome-wide linkage scan reveals CD53 as an important regulator of innate TNF levels. <i>European Journal of Human Genetics</i> , 2010, 18, 953-959.	1.4	23
107	A genome-wide association study of anorexia nervosa suggests a risk locus implicated in dysregulated leptin signaling. <i>Scientific Reports</i> , 2017, 7, 3847.	1.6	23
108	Identification and characterization of two consistent osteoarthritis subtypes by transcriptome and clinical data integration. <i>Rheumatology</i> , 2021, 60, 1166-1175.	0.9	23

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109	Mutation analysis of candidate genes within the 2q33.3 linkage area for familial early-onset generalised osteoarthritis. <i>European Journal of Human Genetics</i> , 2007, 15, 791-799.	1.4	22
110	DNA Methylation in Osteoarthritis. <i>Current Genomics</i> , 2015, 16, 419-426.	0.7	22
111	Vitamin K antagonist anticoagulant usage is associated with increased incidence and progression of osteoarthritis. <i>Annals of the Rheumatic Diseases</i> , 2021, 80, 598-604.	0.5	21
112	Association study in eating disorders: TPH2 associates with anorexia nervosa and self-induced vomiting. <i>Genes, Brain and Behavior</i> , 2011, 10, 236-243.	1.1	20
113	Accelerated metacarpal bone mineral density loss is associated with radiographic progressive hand osteoarthritis. <i>Annals of the Rheumatic Diseases</i> , 2011, 70, 1625-1630.	0.5	20
114	High Microsatellite and SNP Genotyping Success Rates Established in a Large Number of Genomic DNA Samples Extracted From Mouth Swabs and Genotypes. <i>Twin Research and Human Genetics</i> , 2006, 9, 501-506.	0.3	19
115	The role of plasma cytokine levels, CRP and Selenoprotein S gene variation in OA. <i>Osteoarthritis and Cartilage</i> , 2009, 17, 621-626.	0.6	18
116	Meta-analysis identifies loci affecting levels of the potential osteoarthritis biomarkers sCOMP and uCTX-II with genome wide significance. <i>Journal of Medical Genetics</i> , 2014, 51, 596-604.	1.5	18
117	Validity of joint space width measurements in hand osteoarthritis. <i>Osteoarthritis and Cartilage</i> , 2011, 19, 1349-1355.	0.6	17
118	Radiographic progression of knee osteoarthritis is associated with MRI abnormalities in both the patellofemoral and tibiofemoral joint. <i>Osteoarthritis and Cartilage</i> , 2016, 24, 473-479.	0.6	17
119	Cartilage from human-induced pluripotent stem cells: comparison with neo-cartilage from chondrocytes and bone marrow mesenchymal stromal cells. <i>Cell and Tissue Research</i> , 2021, 386, 309-320.	1.5	17
120	Elucidating mechano-pathology of osteoarthritis: transcriptome-wide differences in mechanically stressed aged human cartilage explants. <i>Arthritis Research and Therapy</i> , 2021, 23, 215.	1.6	17
121	Genetic influences on disordered eating behaviour are largely independent of body mass index. <i>Acta Psychiatrica Scandinavica</i> , 2008, 117, 348-356.	2.2	16
122	Genetics of osteoarthritis: early developmental clues to an old disease. <i>Nature Clinical Practice Rheumatology</i> , 2008, 4, 563-563.	3.2	16
123	Abdominal Fat Accumulation in Adults Born Preterm Exposed Antenatally to Maternal Glucocorticoid Treatment Is Dependent on Glucocorticoid Receptor Gene Variation. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2011, 96, E1650-E1655.	1.8	16
124	Translation of clinical problems in osteoarthritis into pathophysiological research goals. <i>RMD Open</i> , 2016, 2, e000224.	1.8	16
125	Genetic Association Analysis of RHOB and TXNDC3 in Osteoarthritis. <i>American Journal of Human Genetics</i> , 2007, 80, 383-386.	2.6	15
126	Implementation of Functional Genomics for Bench-to-Bedside Transition in Osteoarthritis. <i>Current Rheumatology Reports</i> , 2015, 17, 53.	2.1	15

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127	A molecular map of long non-coding RNA expression, isoform switching and alternative splicing in osteoarthritis. <i>Human Molecular Genetics</i> , 2022, 31, 2090-2105.	1.4	15
128	IGF1 Promoter Polymorphism and Cranial Growth in Individuals Born Very Preterm. <i>Hormone Research in Paediatrics</i> , 2011, 76, 27-34.	0.8	14
129	Metabolic health in families enriched for longevity is associated with low prevalence of hand osteoarthritis and influences OA biomarker profiles. <i>Annals of the Rheumatic Diseases</i> , 2013, 72, 1669-1674.	0.5	13
130	Validity, reliability, responsiveness and feasibility of four hand mobility measures in hand osteoarthritis. <i>Rheumatology</i> , 2018, 57, 525-532.	0.9	13
131	Increased WISP1 expression in human osteoarthritic articular cartilage is epigenetically regulated and decreases cartilage matrix production. <i>Rheumatology</i> , 2019, 58, 1065-1074.	0.9	13
132	High-impact <i>FN1</i> mutation decreases chondrogenic potential and affects cartilage deposition via decreased binding to collagen type II. <i>Science Advances</i> , 2021, 7, eabg8583.	4.7	13
133	An epigenome-wide view of osteoarthritis in primary tissues. <i>American Journal of Human Genetics</i> , 2022, 109, 1255-1271.	2.6	13
134	Genome scanning by two-dimensional DNA typing: The use of repetitive DNA sequences for rapid mapping of genetic traits. <i>Electrophoresis</i> , 1991, 12, 119-134.	1.3	12
135	Human Cytokine Response to ex vivo Amyloid- $\beta$ Stimulation is Mediated by Genetic Factors. <i>Twin Research and Human Genetics</i> , 2005, 8, 132-137.	0.3	12
136	Are Baseline High Molecular Weight Adiponectin Levels Associated with Radiographic Progression in Rheumatoid Arthritis and Osteoarthritis?. <i>Journal of Rheumatology</i> , 2014, 41, 853-857.	1.0	12
137	The miRNA-mRNA interactome of murine induced pluripotent stem cell-derived chondrocytes in response to inflammatory cytokines. <i>FASEB Journal</i> , 2020, 34, 11546-11561.	0.2	12
138	High Microsatellite and SNP Genotyping Success Rates Established in a Large Number of Genomic DNA Samples Extracted From Mouth Swabs and Genotypes. <i>Twin Research and Human Genetics</i> , 2006, 9, 501-506.	0.3	12
139	Organisation of the human genome and our tools for identifying disease genes. <i>Biological Psychology</i> , 2002, 61, 11-31.	1.1	11
140	Testing the druggable endothelial differentiation gene 2 knee osteoarthritis genetic factor for replication in a wide range of sample collections. <i>Annals of the Rheumatic Diseases</i> , 2009, 68, 1017-1021.	0.5	11
141	Involvement of epigenetics in osteoarthritis. <i>Best Practice and Research in Clinical Rheumatology</i> , 2017, 31, 634-648.	1.4	11
142	Characterization of dynamic changes in Matrix Gla Protein (MGP) gene expression as function of genetic risk alleles, osteoarthritis relevant stimuli, and the vitamin K inhibitor warfarin. <i>Osteoarthritis and Cartilage</i> , 2021, 29, 1193-1202.	0.6	11
143	Cripto favors chondrocyte hypertrophy via $TGF\beta$ $SMAD1/5$ signaling during development of osteoarthritis. <i>Journal of Pathology</i> , 2021, 255, 330-342.	2.1	11
144	Higher thyrotropin leads to unfavorable lipid profile and somewhat higher cardiovascular disease risk: evidence from multi-cohort Mendelian randomization and metabolomic profiling. <i>BMC Medicine</i> , 2021, 19, 266.	2.3	11

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145	Interleukin-1 gene cluster variants with innate cytokine production profiles and osteoarthritis in subjects from the Genetics, Osteoarthritis and Progression Study. <i>Arthritis and Rheumatism</i> , 2010, 62, 1119-1126.	6.7	10
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