

Minna Mannikko

List of Publications by Year in Descending Order

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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.

74
papers

4,278
citations

29
h-index

65
g-index

76
ext. papers

5,073
ext. citations

7.5
avg, IF

4.27
L-index

#	Paper	IF	Citations
74	Circulating inflammatory cytokines and risk of five cancers: a Mendelian randomization analysis.. <i>BMC Medicine</i> , 2022 , 20, 3	11.4	1
73	New Genetic Variants in CYP2B6 and SLC6A Support the Role of Oxidative Stress in Familial MBI's Disease. <i>Genes</i> , 2022 , 13, 998	4.2	
72	The power of genetic diversity in genome-wide association studies of lipids. <i>Nature</i> , 2021 ,	50.4	24
71	Maternal and infant prediction of the child BMI trajectories; studies across two generations of Northern Finland birth cohorts. <i>International Journal of Obesity</i> , 2021 , 45, 404-414	5.5	3
70	Polygenic burden has broader impact on health, cognition, and socioeconomic outcomes than most rare and high-risk copy number variants. <i>Molecular Psychiatry</i> , 2021 , 26, 4884-4895	15.1	1
69	Cohort Profile: 46 years of follow-up of the Northern Finland Birth Cohort 1966 (NFBC1966). <i>International Journal of Epidemiology</i> , 2021 ,	7.8	11
68	Polygenic Risk Scores and Physical Activity. <i>Medicine and Science in Sports and Exercise</i> , 2020 , 52, 1518-1524	12.4	5
67	A single genetic locus associated with pediatric fractures: A genome-wide association study on 3,230 patients. <i>Experimental and Therapeutic Medicine</i> , 2020 , 20, 1716-1724	2.1	1
66	Exome Sequencing Reveals a Phenotype Modifying Variant in ZNF528 in Primary Osteoporosis With a COL1A2 Deletion. <i>Journal of Bone and Mineral Research</i> , 2020 , 35, 2381-2392	6.3	2
65	Association of Body Mass Index with Fecal Microbial Diversity and Metabolites in the Northern Finland Birth Cohort. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2020 , 29, 2289-2299	4	6
64	Exploring the role of genetic confounding in the association between maternal and offspring body mass index: evidence from three birth cohorts. <i>International Journal of Epidemiology</i> , 2020 , 49, 233-243	7.8	7
63	Contribution of rare and common variants to intellectual disability in a sub-isolate of Northern Finland. <i>Nature Communications</i> , 2019 , 10, 410	17.4	19
62	Genome-wide association study identifies seven novel loci associating with circulating cytokines and cell adhesion molecules in Finns. <i>Journal of Medical Genetics</i> , 2019 , 56, 607-616	5.8	21
61	Whole-exome sequencing suggests multiallelic inheritance for childhood-onset MBI's disease. <i>Annals of Human Genetics</i> , 2019 , 83, 389-396	2.2	8
60	Identification of disease-associated loci using machine learning for genotype and network data integration. <i>Bioinformatics</i> , 2019 , 35, 5182-5190	7.2	7
59	Genome-wide meta-analysis identifies genetic locus on chromosome 9 associated with Modic changes. <i>Journal of Medical Genetics</i> , 2019 , 56, 420-426	5.8	7
58	Genome-Wide Association Study of Erosive Tooth Wear in a Finnish Cohort. <i>Caries Research</i> , 2019 , 53, 49-59	4.2	5

57	New alcohol-related genes suggest shared genetic mechanisms with neuropsychiatric disorders. <i>Nature Human Behaviour</i> , 2019 , 3, 950-961	12.8	32
56	Exome sequencing of Finnish isolates enhances rare-variant association power. <i>Nature</i> , 2019 , 572, 323-328	38.4	69
55	Proof of concept for quantitative urine NMR metabolomics pipeline for large-scale epidemiology and genetics. <i>International Journal of Epidemiology</i> , 2019 , 48, 978-993	7.8	21
54	Genome-wide association reveals contribution of MRAS to painful temporomandibular disorder in males. <i>Pain</i> , 2019 , 160, 579-591	8	26
53	NAFLD risk alleles in PNPLA3, TM6SF2, GCKR and LYPLAL1 show divergent metabolic effects. <i>Human Molecular Genetics</i> , 2018 , 27, 2214-2223	5.6	65
52	Common Variant Burden Contributes to the Familial Aggregation of Migraine in 1,589 Families. <i>Neuron</i> , 2018 , 98, 743-753.e4	13.9	42
51	Haplotype Sharing Provides Insights into Fine-Scale Population History and Disease in Finland. <i>American Journal of Human Genetics</i> , 2018 , 102, 760-775	11	34
50	Concomitant diseases and their effect on disease prognosis in Meniere's disease: diabetes mellitus identified as a negative prognostic factor. <i>Acta Oto-Laryngologica</i> , 2018 , 138, 36-40	1.6	8
49	Rare Copy Number Variants in Array-Based Comparative Genomic Hybridization in Early-Onset Skeletal Fragility. <i>Frontiers in Endocrinology</i> , 2018 , 9, 380	5.7	11
48	Metabolomic Consequences of Genetic Inhibition of PCSK9 Compared With Statin Treatment. <i>Circulation</i> , 2018 , 138, 2499-2512	16.7	36
47	Whole exome sequencing in Finnish families identifies new candidate genes for osteoarthritis. <i>PLoS ONE</i> , 2018 , 13, e0203313	3.7	4
46	Functional polymorphisms in asporin and CILP together with joint loading predispose to hand osteoarthritis. <i>BMC Genetics</i> , 2017 , 18, 108	2.6	13
45	A Whole Exome Study Identifies Novel Candidate Genes for Vertebral Bone Marrow Signal Changes (Modic Changes). <i>Spine</i> , 2017 , 42, 1201-1206	3.3	6
44	TUFT1, a novel candidate gene for metatarsophalangeal osteoarthritis, plays a role in chondrogenesis on a calcium-related pathway. <i>PLoS ONE</i> , 2017 , 12, e0175474	3.7	15
43	Genome-wide association studies of lumbar disc degeneration--are we there yet?. <i>Spine Journal</i> , 2014 , 14, 479-82	4	14
42	Higher prevalence of autoimmune diseases and longer spells of vertigo in patients affected with familial Mbiere's disease: A clinical comparison of familial and sporadic Mbiere's disease. <i>American Journal of Audiology</i> , 2014 , 23, 232-7	1.8	13
41	High incidence of Meniere-like symptoms in relatives of Meniere patients in the areas of Oulu University Hospital and Kainuu Central Hospital in Finland. <i>European Journal of Medical Genetics</i> , 2013 , 56, 279-85	2.6	22
40	Role of environmental factors and history of low back pain in sciatica symptoms among Finnish adolescents. <i>Spine</i> , 2013 , 38, 1105-11	3.3	10

39	Lumbar disc degeneration is linked to a carbohydrate sulfotransferase 3 variant. <i>Journal of Clinical Investigation</i> , 2013 , 123, 4909-17	15.9	81
38	A replication study on proposed candidate genes in Ménière's disease, and a review of the current status of genetic studies. <i>International Journal of Audiology</i> , 2012 , 51, 841-5	2.6	28
37	Rare variations in WNT3A and DKK1 may predispose carriers to primary osteoporosis. <i>European Journal of Medical Genetics</i> , 2012 , 55, 515-9	2.6	20
36	Mutations in LRP5 cause primary osteoporosis without features of OI by reducing Wnt signaling activity. <i>BMC Medical Genetics</i> , 2012 , 13, 26	2.1	70
35	Genetic association studies in lumbar disc degeneration: a systematic review. <i>PLoS ONE</i> , 2012 , 7, e49995	3.7	67
34	Candidate gene association study of magnetic resonance imaging-based hip osteoarthritis (OA): evidence for COL9A2 gene as a common predisposing factor for hip OA and lumbar disc degeneration. <i>Journal of Rheumatology</i> , 2011 , 38, 747-52	4.1	18
33	Genetic susceptibility of intervertebral disc degeneration among young Finnish adults. <i>BMC Medical Genetics</i> , 2011 , 12, 153	2.1	61
32	Finnish familial Meniere disease is not linked to chromosome 12p12.3, and anticipation and cosegregation with migraine are not common findings. <i>Genetics in Medicine</i> , 2011 , 13, 415-20	8.1	26
31	Pain perception is altered by a nucleotide polymorphism in SCN9A. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010 , 107, 5148-53	11.5	230
30	The collagen V homotrimer [alpha1(V)](3) production is unexpectedly favored over the heterotrimer [alpha1(V)](2)alpha2(V) in recombinant expression systems. <i>Journal of Biomedicine and Biotechnology</i> , 2010 , 2010, 376927		7
29	Multiple chronic pain states are associated with a common amino acid-changing allele in KCNS1. <i>Brain</i> , 2010 , 133, 2519-27	11.2	187
28	Genetic predisposition for femoral neck stress fractures in military conscripts. <i>BMC Genetics</i> , 2010 , 11, 95	2.6	30
27	Genetic risk factors of disc degeneration among 12-14-year-old Danish children: a population study. <i>International Journal of Molecular Epidemiology and Genetics</i> , 2010 , 1, 158-65	0.9	41
26	Association between interleukin 1 gene cluster polymorphisms and bilateral distal interphalangeal osteoarthritis. <i>Journal of Rheumatology</i> , 2009 , 36, 1977-86	4.1	27
25	Association of the tag SNPs in the human SKT gene (KIAA1217) with lumbar disc herniation. <i>Journal of Bone and Mineral Research</i> , 2009 , 24, 1537-43	6.3	33
24	Common interleukin-6 promoter variants associate with the more severe forms of distal interphalangeal osteoarthritis. <i>Arthritis Research and Therapy</i> , 2008 , 10, R21	5.7	41
23	Genetic factors are associated with modic changes in endplates of lumbar vertebral bodies. <i>Spine</i> , 2008 , 33, 1236-41	3.3	49
22	Two novel COL1A1 mutations in patients with osteogenesis imperfecta (OI) affect the stability of the collagen type I triple-helix. <i>Journal of Applied Genetics</i> , 2008 , 49, 283-95	2.5	13

21	Missense and nonsense mutations in the alternatively-spliced exon 2 of COL2A1 cause the ocular variant of Stickler syndrome. <i>Human Mutation</i> , 2008 , 29, 83-90	4.7	39
20	Is the interleukin-6 haplotype a prognostic factor for sciatica?. <i>European Journal of Pain</i> , 2008 , 12, 1018-257		28
19	A report on 10 new patients with heterozygous mutations in the COL11A1 gene and a review of genotype-phenotype correlations in type XI collagenopathies. <i>American Journal of Medical Genetics, Part A</i> , 2007 , 143A, 258-64	2.5	64
18	Novel mutations in the small leucine-rich repeat protein/proteoglycan (SLRP) genes in high myopia. <i>Human Mutation</i> , 2007 , 28, 336-44	4.7	55
17	Putative susceptibility locus on chromosome 21q for lumbar disc disease (LDD) in the Finnish population. <i>Journal of Bone and Mineral Research</i> , 2007 , 22, 701-7	6.3	13
16	Misleading findings of homozygosity mapping resulting from three novel mutations in NPHS1 encoding nephrin in a highly inbred community. <i>Genetics in Medicine</i> , 2007 , 9, 180-4	8.1	18
15	Association between the aggrecan gene variable number of tandem repeats polymorphism and intervertebral disc degeneration. <i>Spine</i> , 2007 , 32, 1700-5	3.3	45
14	Occupational and genetic risk factors associated with intervertebral disc disease. <i>Spine</i> , 2007 , 32, 1129-343		65
13	Oto-spondylo-megaepiphyseal dysplasia (OSMED): clinical and radiological findings in sibs homozygous for premature stop codon mutation in the COL11A2 gene. <i>American Journal of Medical Genetics, Part A</i> , 2006 , 140, 1189-95	2.5	15
12	Heterozygous mutations in the LDL receptor-related protein 5 (LRP5) gene are associated with primary osteoporosis in children. <i>Journal of Bone and Mineral Research</i> , 2005 , 20, 783-9	6.3	142
11	A novel autosomal recessive non-syndromic deafness locus, DFNB66, maps to chromosome 6p21.2-22.3 in a large Tunisian consanguineous family. <i>Human Heredity</i> , 2005 , 60, 123-8	1.1	23
10	Mapping of a new autosomal recessive nonsyndromic hearing loss locus (DFNB32) to chromosome 1p13.3-22.1. <i>European Journal of Human Genetics</i> , 2003 , 11, 185-8	5.3	18
9	Collagen XI sequence variations in nonsyndromic cleft palate, Robin sequence and micrognathia. <i>European Journal of Human Genetics</i> , 2003 , 11, 265-70	5.3	51
8	Proteinuria and prenatal diagnosis of congenital nephrosis in fetal carriers of nephrin gene mutations. <i>Lancet, The</i> , 2002 , 359, 1575-7	4.0	59
7	Congenital nephrotic syndrome (NPHS1): features resulting from different mutations in Finnish patients. <i>Kidney International</i> , 2000 , 58, 972-80	9.9	194
6	Structure of the gene for congenital nephrotic syndrome of the finnish type (NPHS1) and characterization of mutations. <i>American Journal of Human Genetics</i> , 1999 , 64, 51-61	11	310
5	Positionally cloned gene for a novel glomerular protein--nephrin--is mutated in congenital nephrotic syndrome. <i>Molecular Cell</i> , 1998 , 1, 575-82	17.6	1481
4	Improved prenatal diagnosis of the congenital nephrotic syndrome of the Finnish type based on DNA analysis. <i>Kidney International</i> , 1997 , 51, 868-72	9.9	29

3	Exclusion of eight genes as mutated loci in congenital nephrotic syndrome of the Finnish type. <i>Kidney International</i> , 1994 , 45, 986-90	9.9	15
2	Congenital nephrotic syndrome of the Finnish type is not associated with the Pax-2 gene despite the promising transgenic animal model. <i>Genomics</i> , 1994 , 19, 570-2	4.3	11
1	Molecular Genetic Analysis of Mäkitie's Disease		2