Minna Mannikko

List of Publications by Year
in descending order

73 papers	5,809 citations	136950 32 h-index	79698 73 g-index
76 all docs	76 docs citations	76 times ranked	7322 citing authors

#	Article	IF	Citations
1	Cohort Profile: 46 years of follow-up of the Northern Finland Birth Cohort 1966 (NFBC1966). International Journal of Epidemiology, 2022, 50, 1786-1787j.	1.9	92
2	Circulating inflammatory cytokines and risk of five cancers: a Mendelian randomization analysis. BMC Medicine, 2022, 20, 3.	5.5	41
3	New Genetic Variants in CYP2B6 and SLC6A Support the Role of Oxidative Stress in Familial MÃ©niÃ¨reâ€™s Disease. Genes, 2022, 13, 998.	2.4	5
4	Maternal and infant prediction of the child BMI trajectories; studies across two generations of Northern Finland birth cohorts. International Journal of Obesity, 2021, 45, 404-414.	3.4	8
5	Polygenic burden has broader impact on health, cognition, and socioeconomic outcomes than most rare and high-risk copy number variants. Molecular Psychiatry, 2021, 26, 4884-4895.	7.9	8
6	The power of genetic diversity in genome-wide association studies of lipids. Nature, 2021, 600, 675-679.	27.8	353
7	Exploring the role of genetic confounding in the association between maternal and offspring body mass index: evidence from three birth cohorts. International Journal of Epidemiology, 2020, 49, 233-243.	1.9	18
8	Exome Sequencing Reveals a Phenotype Modifying Variant in <scp>ZNF528</scp> in Primary Osteoporosis With a <scp>COL1A2</scp> Deletion. Journal of Bone and Mineral Research, 2020, 35, 2381-2392.	2.8	4
9	Association of Body Mass Index with Fecal Microbial Diversity and Metabolites in the Northern Finland Birth Cohort. Cancer Epidemiology Biomarkers and Prevention, 2020, 29, 2289-2299.	2.5	20
10	Polygenic Risk Scores and Physical Activity. Medicine and Science in Sports and Exercise, 2020, 52, 1518-1524.	0.4	13
11	A single genetic locus associated with pediatric fractures: A genome-wide association study on 3,230 patients. Experimental and Therapeutic Medicine, 2020, 20, 1716-1724.	1.8	2
12	Genome-Wide Association Study of Erosive Tooth Wear in a Finnish Cohort. Caries Research, 2019, 53, 49-59.	2.0	14
13	New alcohol-related genes suggest shared genetic mechanisms with neuropsychiatric disorders. Nature Human Behaviour, 2019, 3, 950-961.	12.0	75
14	Exome sequencing of Finnish isolates enhances rare-variant association power. Nature, 2019, 572, 323-328.	27.8	161
15	Contribution of rare and common variants to intellectual disability in a sub-isolate of Northern Finland. Nature Communications, 2019, 10, 410.	12.8	32
16	Genome-wide association study identifies seven novel loci associating with circulating cytokines and cell adhesion molecules in Finns. Journal of Medical Genetics, 2019, 56, 607-616.	3.2	46
17	Wholeâ€exome sequencing suggests multiallelic inheritance for childhoodâ€onset MÃ©niÃ¨re's disease. Annals of Human Genetics, 2019, 83, 389-396.	0.8	10
18	Identification of disease-associated loci using machine learning for genotype and network data integration. Bioinformatics, 2019, 35, 5182-5190.	4.1	7

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19	Genome-wide meta-analysis identifies genetic locus on chromosome 9 associated with Modic changes. Journal of Medical Genetics, 2019, 56, 420-426.	3.2	13
20	Proof of concept for quantitative urine NMR metabolomics pipeline for large-scale epidemiology and genetics. International Journal of Epidemiology, 2019, 48, 978-993.	1.9	30
21	Genome-wide association reveals contribution of MRAS to painful temporomandibular disorder in males. Pain, 2019, 160, 579-591.	4.2	37
22	NAFLD risk alleles in PNPLA3, TM6SF2, GCKR and LYPLAL1 show divergent metabolic effects. Human Molecular Genetics, 2018, 27, 2214-2223.	2.9	95
23	Common Variant Burden Contributes to the Familial Aggregation of Migraine in 1,589 Families. Neuron, 2018, 98, 743-753.e4.	8.1	63
24	Haplotype Sharing Provides Insights into Fine-Scale Population History and Disease in Finland. American Journal of Human Genetics, 2018, 102, 760-775.	6.2	57
25	Concomitant diseases and their effect on disease prognosis in Menereâ€™s disease: diabetes mellitus identified as a negative prognostic factor. Acta Oto-Laryngologica, 2018, 138, 36-40.	0.9	13
26	Metabolomic Consequences of Genetic Inhibition of PCSK9 Compared With Statin Treatment. Circulation, 2018, 138, 2499-2512.	1.6	69
27	Whole exome sequencing in Finnish families identifies new candidate genes for osteoarthritis. PLoS ONE, 2018, 13, e0203313.	2.5	6
28	Rare Copy Number Variants in Array-Based Comparative Genomic Hybridization in Early-Onset Skeletal Fragility. Frontiers in Endocrinology, 2018, 9, 380.	3.5	20
29	A Whole Exome Study Identifies Novel Candidate Genes for Vertebral Bone Marrow Signal Changes (Modic Changes). Spine, 2017, 42, 1201-1206.	2.0	7
30	Functional polymorphisms in asporin and CILP together with joint loading predispose to hand osteoarthritis. BMC Genetics, 2017, 18, 108.	2.7	15
31	TUFT1, a novel candidate gene for metatarsophalangeal osteoarthritis, plays a role in chondrogenesis on a calcium-related pathway. PLoS ONE, 2017, 12, e0175474.	2.5	24
32	Higher Prevalence of Autoimmune Diseases and Longer Spells of Vertigo in Patients Affected With Familial MÃ©niÃ¨re's Disease: A Clinical Comparison of Familial and Sporadic MÃ©niÃ¨re's Disease. American Journal of Audiology, 2014, 23, 232-237.	1.2	19
33	Genome-wide association studies of lumbar disc degenerationâ€”are we there yet?. Spine Journal, 2014, 14, 479-482.	1.3	31
34	High incidence of Meniere-like symptoms in relatives of Meniere patients in the areas of Oulu University Hospital and Kainuu Central Hospital in Finland. European Journal of Medical Genetics, 2013, 56, 279-285.	1.3	30
35	Role of Environmental Factors and History of Low Back Pain in Sciatica Symptoms Among Finnish Adolescents. Spine, 2013, 38, 1105-1111.	2.0	13
36	Lumbar disc degeneration is linked to a carbohydrate sulfotransferase 3 variant. Journal of Clinical Investigation, 2013, 123, 4909-4917.	8.2	126

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37	A replication study on proposed candidate genes in MÃ©niÃ¨re's disease, and a review of the current status of genetic studies. International Journal of Audiology, 2012, 51, 841-845.	1.7	36
38	Rare variations in WNT3A and DKK1 may predispose carriers to primary osteoporosis. European Journal of Medical Genetics, 2012, 55, 515-519.	1.3	26
39	Mutations in LRP5 cause primary osteoporosis without features of OI by reducing Wnt signaling activity. BMC Medical Genetics, 2012, 13, 26.	2.1	84
40	Genetic Association Studies in Lumbar Disc Degeneration: A Systematic Review. PLoS ONE, 2012, 7, e49995.	2.5	90
41	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. Journal of Rheumatology, 2011, 38, 747-752.	2.0	22
42	Genetic susceptibility of intervertebral disc degeneration among young Finnish adults. BMC Medical Genetics, 2011, 12, 153.	2.1	73
43	Finnish familial Meniere disease is not linked to chromosome 12p12.3, and anticipation and cosegregation with migraine are not common findings. Genetics in Medicine, 2011, 13, 415-420.	2.4	33
44	Genetic predisposition for femoral neck stress fractures in military conscripts. BMC Genetics, 2010, 11, 95.	2.7	45
45	Pain perception is altered by a nucleotide polymorphism in SCN9A. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 5148-5153.	7.1	279
46	The Collagen V Homotrimer[Î±1(V)]3Production Is Unexpectedly Favored over the Heterotrimer[Î±1(V)]2Î±2(V)in Recombinant Expression Systems. Journal of Biomedicine and Biotechnology, 2010, 2010, 1-13.	3.0	10
47	Multiple chronic pain states are associated with a common amino acidâ€“changing allele in KCNS1. Brain, 2010, 133, 2519-2527.	7.6	224
48	Genetic risk factors of disc degeneration among 12-14-year-old Danish children: a population study. International Journal of Molecular Epidemiology and Genetics, 2010, 1, 158-65.	0.4	47
49	Association Between Interleukin 1 Gene Cluster Polymorphisms and Bilateral Distal Interphalangeal Osteoarthritis. Journal of Rheumatology, 2009, 36, 1977-1986.	2.0	32
50	Association of the Tag SNPs in the Human SKT Gene (KIAA1217) With Lumbar Disc Herniation. Journal of Bone and Mineral Research, 2009, 24, 1537-1543.	2.8	43
51	Two novelCOL1A1 mutations in patients with osteogenesis imperfecta (OI) affect the stability of the collagen type I triple-helix. Journal of Applied Genetics, 2008, 49, 283-295.	1.9	17
52	Missense and nonsense mutations in the alternatively-spliced exon 2 ofCOL2A1cause the ocular variant of Stickler syndrome. Human Mutation, 2008, 29, 83-90.	2.5	48
53	Is the interleukinâ€6 haplotype a prognostic factor for sciatica?. European Journal of Pain, 2008, 12, 1018-1025.	2.8	31
54	Common interleukin-6 promoter variants associate with the more severe forms of distal interphalangeal osteoarthritis. Arthritis Research and Therapy, 2008, 10, R21.	3.5	49

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55	Genetic Factors Are Associated With Modic Changes in Endplates of Lumbar Vertebral Bodies. Spine, 2008, 33, 1236-1241.	2.0	60
56	Misleading findings of homozygosity mapping resulting from three novel mutations in NPHS1 encoding nephrin in a highly inbred community. Genetics in Medicine, 2007, 9, 180-184.	2.4	22
57	Association Between the Aggrecan Gene Variable Number of Tandem Repeats Polymorphism and Intervertebral Disc Degeneration. Spine, 2007, 32, 1700-1705.	2.0	52
58	Occupational and Genetic Risk Factors Associated With Intervertebral Disc Disease. Spine, 2007, 32, 1129-1134.	2.0	84
59	A report on 10 new patients with heterozygous mutations in theCOL11A1 gene and a review of genotypeâ€“phenotype correlations in type XI collagenopathies. American Journal of Medical Genetics, Part A, 2007, 143A, 258-264.	1.2	75
60	Novel mutations in the small leucine-rich repeat protein/proteoglycan (SLRP) genes in high myopia. Human Mutation, 2007, 28, 336-344.	2.5	60
61	Putative Susceptibility Locus on Chromosome 21q for Lumbar Disc Disease (LDD) in the Finnish Population. Journal of Bone and Mineral Research, 2007, 22, 701-707.	2.8	21
62	Oto-spondylo-megaepiphyseal dysplasia (OSMED): Clinical and radiological findings in sibs homozygous for premature stop codon mutation in theCOL11A2 gene. American Journal of Medical Genetics, Part A, 2006, 140A, 1189-1195.	1.2	17
63	Heterozygous Mutations in the LDL Receptor-Related Protein 5 (LRP5) Gene Are Associated With Primary Osteoporosis in Children. Journal of Bone and Mineral Research, 2005, 20, 783-789.	2.8	172
64	A Novel Autosomal Recessive Non-Syndromic Deafness Locus, DFNB66, Maps to Chromosome 6p21.2-22.3 in a Large Tunisian Consanguineous Family. Human Heredity, 2005, 60, 123-128.	0.8	26
65	Mapping of a new autosomal recessive nonsyndromic hearing loss locus (DFNB32) to chromosome 1p13.3-22.1. European Journal of Human Genetics, 2003, 11, 185-188.	2.8	20
66	Collagen XI sequence variations in nonsyndromic cleft palate, Robin sequence and micrognathia. European Journal of Human Genetics, 2003, 11, 265-270.	2.8	57
67	Proteinuria and prenatal diagnosis of congenital nephrosis in fetal carriers of nephrin gene mutations. Lancet, The, 2002, 359, 1575-1577.	13.7	69
68	Congenital nephrotic syndrome (NPHS1): Features resulting from different mutations in Finnish patients. Kidney International, 2000, 58, 972-980.	5.2	237
69	Structure of the Gene for Congenital Nephrotic Syndrome of the Finnish Type (NPHS1) and Characterization of Mutations. American Journal of Human Genetics, 1999, 64, 51-61.	6.2	346
70	Positionally Cloned Gene for a Novel Glomerular Proteinâ€”Nephrinâ€”Is Mutated in Congenital Nephrotic Syndrome. Molecular Cell, 1998, 1, 575-582.	9.7	1,654
71	Improved prenatal diagnosis of the congenital nephrotic syndrome of the Finnish type based on DNA analysis. Kidney International, 1997, 51, 868-872.	5.2	31
72	Exclusion of eight genes as mutated loci in congenital nephrotic syndrome of the Finnish type. Kidney International, 1994, 45, 986-990.	5.2	19

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73	Congenital Nephrotic Syndrome of the Finnish Type Is Not Associated with the Pax-2 Gene Despite the Promising Transgenic Animal Model. Genomics, 1994, 19, 570-572.	2.9	14