

# Frances M Williams

## List of Publications by Year in descending order

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Version: 2024-02-01

60  
papers

7,949  
citations

168829

31  
h-index

134545

62  
g-index

64  
all docs

64  
docs citations

64  
times ranked

15948  
citing authors

#	ARTICLE	IF	CITATIONS
1	Evidence for infection in intervertebral disc degeneration: a systematic review. <i>European Spine Journal</i> , 2022, 31, 414-430.	1.0	11
2	Attributes and predictors of long COVID. <i>Nature Medicine</i> , 2021, 27, 626-631.	15.2	1,613
3	Analysis of genetically independent phenotypes identifies shared genetic factors associated with chronic musculoskeletal pain conditions. <i>Communications Biology</i> , 2020, 3, 329.	2.0	42
4	Genetics of age-related hearing loss. <i>Journal of Neuroscience Research</i> , 2020, 98, 1698-1704.	1.3	21
5	Disentangling the genetics of lean mass. <i>American Journal of Clinical Nutrition</i> , 2019, 109, 276-287.	2.2	38
6	RA and the microbiome: do host genetic factors provide the link?. <i>Journal of Autoimmunity</i> , 2019, 99, 104-115.	3.0	42
7	Genome-wide meta-analysis of 158,000 individuals of European ancestry identifies three loci associated with chronic back pain. <i>PLoS Genetics</i> , 2018, 14, e1007601.	1.5	112
8	Genome-wide methylation analysis of a large population sample shows neurological pathways involvement in chronic widespread musculoskeletal pain. <i>Pain</i> , 2017, 158, 1053-1062.	2.0	27
9	Modifiable risk factors for chronic back pain: insights using the co-twin control design. <i>Spine Journal</i> , 2017, 17, 4-14.	0.6	50
10	Exploring symptoms of somatization in chronic widespread pain: latent class analysis and the role of personality. <i>Journal of Pain Research</i> , 2017, Volume 10, 1733-1740.	0.8	8
11	The Microbiome and Musculoskeletal Conditions of Aging: A Review of Evidence for Impact and Potential Therapeutics. <i>Journal of Bone and Mineral Research</i> , 2016, 31, 261-269.	3.1	81
12	Quantitative genetics of circulating Dickkopf-related protein 1 (DKK1) in community-based sample of UK twins. <i>Osteoporosis International</i> , 2016, 27, 2065-2075.	1.3	4
13	Genomics and metabolomics of muscular mass in a community-based sample of UK females. <i>European Journal of Human Genetics</i> , 2016, 24, 277-283.	1.4	32
14	An omics investigation into chronic widespread musculoskeletal pain reveals epiandrosterone sulfate as a potential biomarker. <i>Pain</i> , 2015, 156, 1845-1851.	2.0	54
15	Heritability of spinal curvature and its relationship to disc degeneration and bone mineral density in female adult twins. <i>European Spine Journal</i> , 2015, 24, 2387-2394.	1.0	26
16	Genome-Wide Association Study for Circulating Tissue Plasminogen Activator Levels and Functional Follow-Up Implicates Endothelial <i>STXBP5</i> and <i>STX2</i> . <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2014, 34, 1093-1101.	1.1	43
17	Salt-inducible kinase 3, <i>SIK3</i> , is a new gene associated with hearing. <i>Human Molecular Genetics</i> , 2014, 23, 6407-6418.	1.4	30
18	Low Back and Common Widespread Pain Share Common Genetic Determinants. <i>Annals of Human Genetics</i> , 2014, 78, 357-366.	0.3	33

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19	Genetic determinants of heel bone properties: genome-wide association meta-analysis and replication in the GEPOS/GENOMOS consortium. <i>Human Molecular Genetics</i> , 2014, 23, 3054-3068.	1.4	90
20	Epigenetics and methylation in the rheumatic diseases. <i>Seminars in Arthritis and Rheumatism</i> , 2014, 43, 692-700.	1.6	17
21	Association of interleukin-6 gene polymorphisms with hand osteoarthritis and hand osteoporosis. <i>Cytokine</i> , 2014, 69, 94-101.	1.4	20
22	Epigenome-Wide DNA Methylation in Hearing Ability: New Mechanisms for an Old Problem. <i>PLoS ONE</i> , 2014, 9, e105729.	1.1	23
23	Elevated plasma fractalkine levels are associated with higher levels of IL-6, Apo-B, LDL-C and insulin, but not with body composition in a large female twin sample. <i>Metabolism: Clinical and Experimental</i> , 2013, 62, 1081-1087.	1.5	15
24	Association between cartilage and bone biomarkers and incidence of radiographic knee osteoarthritis (RKO) in UK females: a prospective study. <i>Osteoarthritis and Cartilage</i> , 2013, 21, 923-929.	0.6	28
25	Ischemic stroke is associated with the <i>ABO</i> locus: The EuroCLOT study. <i>Annals of Neurology</i> , 2013, 73, 16-31.	2.8	144
26	Lower limbs composition and radiographic knee osteoarthritis (RKO) in Chingford sample—a longitudinal study. <i>Archives of Gerontology and Geriatrics</i> , 2013, 56, 148-154.	1.4	9
27	Contribution of putative genetic factors and candidate gene variants to inter-individual variation of circulating fractalkine (CX3CL1) levels in a large UK twins sample. <i>Human Immunology</i> , 2013, 74, 358-363.	1.2	3
28	Multiethnic Meta-Analysis of Genome-Wide Association Studies in >100 000 Subjects Identifies 23 Fibrinogen-Associated Loci but No Strong Evidence of a Causal Association Between Circulating Fibrinogen and Cardiovascular Disease. <i>Circulation</i> , 2013, 128, 1310-1324.	1.6	128
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	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
31	Genes Contributing to Pain Sensitivity in the Normal Population: An Exome Sequencing Study. <i>PLoS Genetics</i> , 2012, 8, e1003095.	1.5	49
32	Implementation of the simplified stochastic model of ageing for longitudinal osteoarthritis data assessment. <i>Annals of Human Biology</i> , 2012, 39, 214-222.	0.4	2
33	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.	9.4	1,100
34	Hearing Ability with Age in Northern European Women: A New Web-Based Approach to Genetic Studies. <i>PLoS ONE</i> , 2012, 7, e35500.	1.1	24
35	Age Differences in Genetic and Environmental Variations in Stress-Coping During Adulthood: A Study of Female Twins. <i>Behavior Genetics</i> , 2012, 42, 541-548.	1.4	10
36	Lumbar disc degeneration and genetic factors are the main risk factors for low back pain in women: the UK Twin Spine Study. <i>Annals of the Rheumatic Diseases</i> , 2011, 70, 1740-1745.	0.5	364

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37	Neck and back pain and intervertebral disc degeneration: Role of occupational factors. <i>Best Practice and Research in Clinical Rheumatology</i> , 2011, 25, 69-79.	1.4	70
38	GDF5 single-nucleotide polymorphism rs143383 is associated with lumbar disc degeneration in Northern European women. <i>Arthritis and Rheumatism</i> , 2011, 63, 708-712.	6.7	100
39	Progression of lumbar disc degeneration over a decade: a heritability study. <i>Annals of the Rheumatic Diseases</i> , 2011, 70, 1203-1207.	0.5	59
40	Significant differences in UK and US female bone density reference ranges. <i>Osteoporosis International</i> , 2010, 21, 1871-1880.	1.3	18
41	Dietary garlic and hip osteoarthritis: evidence of a protective effect and putative mechanism of action. <i>BMC Musculoskeletal Disorders</i> , 2010, 11, 280.	0.8	29
42	Novel Associations of Multiple Genetic Loci With Plasma Levels of Factor VII, Factor VIII, and von Willebrand Factor. <i>Circulation</i> , 2010, 121, 1382-1392.	1.6	311
43	Pain reporting at different body sites is explained by a single underlying genetic factor. <i>Rheumatology</i> , 2010, 49, 1753-1755.	0.9	81
44	Evidence that bone mineral density plays a role in degenerative disc disease: the UK Twin Spine Study. <i>Annals of the Rheumatic Diseases</i> , 2010, 69, 2102-2106.	0.5	79
45	A response to Videman et al., "Challenging the cumulative injury model: positive effects of greater body mass on disc degeneration" <i>Spine Journal</i> , 2010, 10, 571-572.	0.6	7
46	Identification of Quantitative Trait Loci for Fibrin Clot Phenotypes. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2009, 29, 600-605.	1.1	14
47	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
48	Meta-Analysis of Genome-Wide Scans for Human Adult Stature Identifies Novel Loci and Associations with Measures of Skeletal Frame Size. <i>PLoS Genetics</i> , 2009, 5, e1000445.	1.5	237
49	Effective measurement of knee alignment using AP knee radiographs. <i>Knee</i> , 2009, 16, 42-45.	0.8	94
50	Genome-wide association study identifies eight loci associated with blood pressure. <i>Nature Genetics</i> , 2009, 41, 666-676.	9.4	1,104
51	Loci at chromosomes 13, 19 and 20 influence age at natural menopause. <i>Nature Genetics</i> , 2009, 41, 645-647.	9.4	150
52	Twenty bone-mineral-density loci identified by large-scale meta-analysis of genome-wide association studies. <i>Nature Genetics</i> , 2009, 41, 1199-1206.	9.4	660
53	A new 5-lipoxygenase inhibitor seems to be safe and effective for the treatment of osteoarthritis. <i>Nature Reviews Rheumatology</i> , 2009, 5, 132-133.	3.5	5
54	Migraine and Antiphospholipid Antibodies: No Association Found in Migraine-Discordant Monozygotic Twins. <i>Cephalalgia</i> , 2008, 28, 1048-1052.	1.8	18

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55	Lumbar disc disease shows linkage to chromosome 19 overlapping with a QTL for hand OA. Annals of the Rheumatic Diseases, 2008, 67, 117-119.	0.5	12
56	Are intra-articular injections of hylan more effective than injections of hyaluronic acid for knee osteoarthritis?. Nature Clinical Practice Rheumatology, 2008, 4, 400-401.	3.2	1
57	Identification of PLCL1 Gene for Hip Bone Size Variation in Females in a Genome-Wide Association Study. PLoS ONE, 2008, 3, e3160.	1.1	57
58	Genomewide linkage scan of hand osteoarthritis in female twin pairs showing replication of quantitative trait loci on chromosomes 2 and 19. Annals of the Rheumatic Diseases, 2007, 66, 623-627.	0.5	33
59	Reduced telomere length in rheumatoid arthritis is independent of disease activity and duration. Annals of the Rheumatic Diseases, 2006, 66, 476-480.	0.5	76
60	The effect of moderate alcohol consumption on bone mineral density: a study of female twins. Annals of the Rheumatic Diseases, 2005, 64, 309-310.	0.5	73