

# Dan Mellstrm, Nd

## List of Publications by Citations

**Source:** <https://exaly.com/author-pdf/8503211/dan-mellstrom-nd-publications-by-citations.pdf>  
**Version:** 2024-04-09

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.  
The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

91 papers	6,669 citations	34 h-index	81 g-index
94 ext. papers	8,138 ext. citations	8.1 avg, IF	4.71 L-index

#	Paper	IF	Citations
91	Predictive value of BMD for hip and other fractures. <i>Journal of Bone and Mineral Research</i> , <b>2005</b> , 20, 1185-94	5.34	1008
90	Genome-wide meta-analysis identifies 56 bone mineral density loci and reveals 14 loci associated with risk of fracture. <i>Nature Genetics</i> , <b>2012</b> , 44, 491-501	36.3	866
89	Continued breast cancer risk reduction in postmenopausal women treated with raloxifene: 4-year results from the MORE trial. Multiple outcomes of raloxifene evaluation. <i>Breast Cancer Research and Treatment</i> , <b>2001</b> , 65, 125-34	4.4	539
88	A Meta-Analysis of Trabecular Bone Score in Fracture Risk Prediction and Its Relationship to FRAX. <i>Journal of Bone and Mineral Research</i> , <b>2016</b> , 31, 940-8	6.3	346
87	Whole-genome sequencing identifies EN1 as a determinant of bone density and fracture. <i>Nature</i> , <b>2015</b> , 526, 112-7	50.4	308
86	Free testosterone is an independent predictor of BMD and prevalent fractures in elderly men: MrOS Sweden. <i>Journal of Bone and Mineral Research</i> , <b>2006</b> , 21, 529-35	6.3	253
85	Association of vitamin D status with arterial blood pressure and hypertension risk: a mendelian randomisation study. <i>Lancet Diabetes and Endocrinology</i> , <b>2014</b> , 2, 719-29	18.1	250
84	Older men with low serum estradiol and high serum SHBG have an increased risk of fractures. <i>Journal of Bone and Mineral Research</i> , <b>2008</b> , 23, 1552-60	6.3	223
83	Genome-wide analysis identifies 12 loci influencing human reproductive behavior. <i>Nature Genetics</i> , <b>2016</b> , 48, 1462-1472	36.3	198
82	WNT16 influences bone mineral density, cortical bone thickness, bone strength, and osteoporotic fracture risk. <i>PLoS Genetics</i> , <b>2012</b> , 8, e1002745	6	192
81	Genome-wide meta-analysis identifies six novel loci associated with habitual coffee consumption. <i>Molecular Psychiatry</i> , <b>2015</b> , 20, 647-656	15.1	167
80	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> , <b>2018</b> , 103, 691-706	11	151
79	Cortical and trabecular bone microarchitecture as an independent predictor of incident fracture risk in older women and men in the Bone Microarchitecture International Consortium (BoMIC): a prospective study. <i>Lancet Diabetes and Endocrinology</i> , <b>2019</b> , 7, 34-43	18.1	139
78	Type 2 Diabetes Mellitus Is Associated With Better Bone Microarchitecture But Lower Bone Material Strength and Poorer Physical Function in Elderly Women: A Population-Based Study. <i>Journal of Bone and Mineral Research</i> , <b>2017</b> , 32, 1062-1071	6.3	121
77	Genome-wide meta-analysis uncovers novel loci influencing circulating leptin levels. <i>Nature Communications</i> , <b>2016</b> , 7, 10494	17.4	107
76	Genome-wide meta-analysis of 241,258 adults accounting for smoking behaviour identifies novel loci for obesity traits. <i>Nature Communications</i> , <b>2017</b> , 8, 14977	17.4	105
75	How well can a previous fracture indicate a new fracture? A questionnaire study of 29,802 postmenopausal women. <i>Acta Orthopaedica</i> , <b>1998</b> , 69, 508-12		90

74	Large meta-analysis of genome-wide association studies identifies five loci for lean body mass. <i>Nature Communications</i> , <b>2017</b> , 8, 80	17.4	88
73	Genetic determinants of trabecular and cortical volumetric bone mineral densities and bone microstructure. <i>PLoS Genetics</i> , <b>2013</b> , 9, e1003247	6	87
72	Osteoporosis, Metabolic Aberrations, and Increased Risk for Vertebral Fractures After Partial Gastrectomy. <i>Calcified Tissue International</i> , <b>1993</b> , 53, 370-377	3.9	86
71	Low-Level Cadmium Exposure Is Associated With Decreased Bone Mineral Density and Increased Risk of Incident Fractures in Elderly Men: The MrOS Sweden Study. <i>Journal of Bone and Mineral Research</i> , <b>2016</b> , 31, 732-41	6.3	77
70	Low-Frequency Synonymous Coding Variation in CYP2R1 Has Large Effects on Vitamin D Levels and Risk of Multiple Sclerosis. <i>American Journal of Human Genetics</i> , <b>2017</b> , 101, 227-238	11	76
69	Genomewide meta-analysis identifies loci associated with IGF-I and IGFBP-3 levels with impact on age-related traits. <i>Aging Cell</i> , <b>2016</b> , 15, 811-24	9.9	71
68	Estrogen-progestogen therapy for low bone mineral density in primary biliary cirrhosis. <i>Liver International</i> , <b>1999</b> , 19, 188-92	7.9	69
67	Genome-wide meta-analysis of 158,000 individuals of European ancestry identifies three loci associated with chronic back pain. <i>PLoS Genetics</i> , <b>2018</b> , 14, e1007601	6	60
66	Genome-wide association meta-analysis of cortical bone mineral density unravels allelic heterogeneity at the RANKL locus and potential pleiotropic effects on bone. <i>PLoS Genetics</i> , <b>2010</b> , 6, e1001217	6	59
65	Increased Cortical Porosity in Older Men With Fracture. <i>Journal of Bone and Mineral Research</i> , <b>2015</b> , 30, 1692-700	6.3	51
64	Putative Cut-Points in Sarcopenia Components and Incident Adverse Health Outcomes: An SDOC Analysis. <i>Journal of the American Geriatrics Society</i> , <b>2020</b> , 68, 1429-1437	5.6	51
63	Causal relationship between obesity and serum testosterone status in men: A bi-directional mendelian randomization analysis. <i>PLoS ONE</i> , <b>2017</b> , 12, e0176277	3.7	47
62	Leukocyte telomere length is not associated with mortality in older men. <i>Experimental Gerontology</i> , <b>2014</b> , 57, 6-12	4.5	41
61	Genetic Determinants of Circulating Estrogen Levels and Evidence of a Causal Effect of Estradiol on Bone Density in Men. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2018</b> , 103, 991-1004	5.6	37
60	Cohort comparisons of dental status in the adult Swedish population between 1975 and 1981. <i>Community Dentistry and Oral Epidemiology</i> , <b>1991</b> , 19, 195-200	2.8	36
59	Dehydroepiandrosterone and its sulfate predict the 5-year risk of coronary heart disease events in elderly men. <i>Journal of the American College of Cardiology</i> , <b>2014</b> , 64, 1801-10	15.1	34
58	Cortical Bone Area Predicts Incident Fractures Independently of Areal Bone Mineral Density in Older Men. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2017</b> , 102, 516-524	5.6	34
57	Limited clinical utility of a genetic risk score for the prediction of fracture risk in elderly subjects. <i>Journal of Bone and Mineral Research</i> , <b>2015</b> , 30, 184-94	6.3	33

56	Novel Genetic Variants Associated With Increased Vertebral Volumetric BMD, Reduced Vertebral Fracture Risk, and Increased Expression of SLC1A3 and EPHB2. <i>Journal of Bone and Mineral Research</i> , <b>2016</b> , 31, 2085-2097	6.3	33
55	Low serum iron is associated with high serum intact FGF23 in elderly men: The Swedish MrOS study. <i>Bone</i> , <b>2017</b> , 98, 1-8	4.7	28
54	High Serum SHBG Predicts Incident Vertebral Fractures in Elderly Men. <i>Journal of Bone and Mineral Research</i> , <b>2016</b> , 31, 683-9	6.3	28
53	The Limited Clinical Utility of Testosterone, Estradiol, and Sex Hormone Binding Globulin Measurements in the Prediction of Fracture Risk and Bone Loss in Older Men. <i>Journal of Bone and Mineral Research</i> , <b>2017</b> , 32, 633-640	6.3	27
52	Prevalence of vertebral fractures in 85-year-olds. Radiographic examination of 462 subjects. <i>Acta Orthopaedica</i> , <b>1993</b> , 64, 25-7		27
51	Disentangling the genetics of lean mass. <i>American Journal of Clinical Nutrition</i> , <b>2019</b> , 109, 276-287	7	24
50	The power of genetic diversity in genome-wide association studies of lipids. <i>Nature</i> , <b>2021</b> ,	50.4	24
49	Low Testosterone, but Not Estradiol, Is Associated With Incident Falls in Older Men: The International MrOS Study. <i>Journal of Bone and Mineral Research</i> , <b>2017</b> , 32, 1174-1181	6.3	21
48	Smoking-Induced Risk of Osteoporosis Is Partly Mediated by Cadmium From Tobacco Smoke: The MrOS Sweden Study. <i>Journal of Bone and Mineral Research</i> , <b>2020</b> , 35, 1424-1429	6.3	21
47	Low clinical relevance of a prevalent vertebral fracture in elderly men--the MrOs Sweden study. <i>Spine Journal</i> , <b>2015</b> , 15, 281-9	4	21
46	Current Physical Activity Is Independently Associated With Cortical Bone Size and Bone Strength in Elderly Swedish Women. <i>Journal of Bone and Mineral Research</i> , <b>2017</b> , 32, 473-485	6.3	20
45	Characteristics of Prevalent Vertebral Fractures Predict New Fractures in Elderly Men. <i>Journal of Bone and Joint Surgery - Series A</i> , <b>2016</b> , 98, 379-85	5.6	19
44	Response to Letter: "Cortical Bone Area Predicts Incident Fractures Independently of Areal Bone Mineral Density in Older Men". <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2017</b> , 102, 1782	5.6	18
43	Vertebral fractures and their association with health-related quality of life, back pain and physical function in older women. <i>Osteoporosis International</i> , <b>2018</b> , 29, 89-99	5.3	17
42	Development of a polygenic risk score to improve screening for fracture risk: A genetic risk prediction study. <i>PLoS Medicine</i> , <b>2020</b> , 17, e1003152	11.6	16
41	The complex genetics of gait speed: genome-wide meta-analysis approach. <i>Aging</i> , <b>2017</b> , 9, 209-246	5.6	16
40	The Prevalence of Vertebral Fractures Is Associated With Reduced Hip Bone Density and Inferior Peripheral Appendicular Volumetric Bone Density and Structure in Older Women. <i>Journal of Bone and Mineral Research</i> , <b>2018</b> , 33, 250-260	6.3	15
39	Normal Bone Microstructure and Density But Worse Physical Function in Older Women Treated with Selective Serotonin Reuptake Inhibitors, a Cross-Sectional Population-Based Study. <i>Calcified Tissue International</i> , <b>2018</b> , 103, 278-288	3.9	13

38	A stage-dependent link between metabolic syndrome components and incident prostate cancer. <i>Nature Reviews Urology</i> , <b>2018</b> , 15, 321-333	5.5	12
37	Self-Assessed General Health and Dental Status Among the Elderly in a Swedish County. <i>Gerodontology</i> , <b>1986</b> , 5, 191-196	2.8	12
36	Low Serum DHEAS Predicts Increased Fracture Risk in Older Men: The MrOS Sweden Study. <i>Journal of Bone and Mineral Research</i> , <b>2017</b> , 32, 1607-1614	6.3	11
35	High Plasma Erythropoietin Predicts Incident Fractures in Elderly Men with Normal Renal Function: The MrOS Sweden Cohort. <i>Journal of Bone and Mineral Research</i> , <b>2020</b> , 35, 298-305	6.3	11
34	Physical function tests predict incident falls: A prospective study of 2969 men in the Swedish Osteoporotic Fractures in Men study. <i>Scandinavian Journal of Public Health</i> , <b>2020</b> , 48, 436-441	3	11
33	Genome-wide meta-analysis of muscle weakness identifies 15 susceptibility loci in older men and women. <i>Nature Communications</i> , <b>2021</b> , 12, 654	17.4	10
32	Grade 1 Vertebral Fractures Identified by Densitometric Lateral Spine Imaging Predict Incident Major Osteoporotic Fracture Independently of Clinical Risk Factors and Bone Mineral Density in Older Women. <i>Journal of Bone and Mineral Research</i> , <b>2020</b> , 35, 1942-1951	6.3	9
31	Association Between Cortical Bone Microstructure and Statin Use in Older Women. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2019</b> , 104, 250-257	5.6	9
30	Altered body composition profiles in young adults with childhood-onset inflammatory bowel disease. <i>Scandinavian Journal of Gastroenterology</i> , <b>2020</b> , 55, 169-177	2.4	7
29	Serum DHEA and Its Sulfate Are Associated With Incident Fall Risk in Older Men: The MrOS Sweden Study. <i>Journal of Bone and Mineral Research</i> , <b>2018</b> , 33, 1227-1232	6.3	7
28	High Serum Serotonin Predicts Increased Risk for Hip Fracture and Nonvertebral Osteoporotic Fractures: The MrOS Sweden Study. <i>Journal of Bone and Mineral Research</i> , <b>2018</b> , 33, 1560-1567	6.3	7
27	What Cut-Point in Gait Speed Best Discriminates Community-Dwelling Older Adults With Mobility Complaints From Those Without? A Pooled Analysis From the Sarcopenia Definitions and Outcomes Consortium. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , <b>2021</b> , 76, e321-e327	6.4	7
26	Risk factors for low back pain and sciatica in elderly men-the MrOS Sweden study. <i>Age and Ageing</i> , <b>2017</b> , 46, 64-71	3	7
25	Improved prediction of fracture risk leveraging a genome-wide polygenic risk score. <i>Genome Medicine</i> , <b>2021</b> , 13, 16	14.4	7
24	A Cost-Effectiveness Model of Tibolone as Treatment for the Prevention of Osteoporotic Fractures in Postmenopausal Women in Sweden. <i>Clinical Drug Investigation</i> , <b>2001</b> , 21, 115-127	3.2	6
23	Genome-wide association study of circulating interleukin 6 levels identifies novel loci. <i>Human Molecular Genetics</i> , <b>2021</b> , 30, 393-409	5.6	6
22	The fracture predictive ability of a musculoskeletal composite score in old men - data from the MrOs Sweden study. <i>BMC Geriatrics</i> , <b>2019</b> , 19, 90	4.1	5
21	BMD-Related Genetic Risk Scores Predict Site-Specific Fractures as Well as Trabecular and Cortical Bone Microstructure. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2020</b> , 105,	5.6	5

20	Low-level cadmium exposure is associated with decreased cortical thickness, cortical area and trabecular bone volume fraction in elderly men: The MrOS Sweden study. <i>Bone</i> , <b>2021</b> , 143, 115768	4.7	5
19	Haplotypes in the CYP2R1 gene are associated with levels of 25(OH)D and bone mineral density, but not with other markers of bone metabolism (MrOS Sweden). <i>PLoS ONE</i> , <b>2018</b> , 13, e0209268	3.7	4
18	Rationale and design of MUSIC OS-EU: an international observational study of the treatment of postmenopausal women for osteoporosis in Europe and Canada. <i>Clinical and Experimental Rheumatology</i> , <b>2015</b> , 33, 537-44	2.2	4
17	Sarcopenia Definitions as Predictors of Fracture Risk Independent of FRAX , Falls, and BMD in the Osteoporotic Fractures in Men (MrOS) Study: A Meta-Analysis. <i>Journal of Bone and Mineral Research</i> , <b>2021</b> , 36, 1235-1244	6.3	3
16	Response to "Low-Level Cadmium Exposure and Bone Health". <i>Journal of Bone and Mineral Research</i> , <b>2017</b> , 32, 420-421	6.3	2
15	Increased Risk of Hip Fracture in Patients with Lymphoma, a Swedish Population Study of 37,236 Lymphoma Patients. <i>Calcified Tissue International</i> , <b>2020</b> , 106, 591-598	3.9	2
14	Physical exercise is associated with beneficial bone mineral density and body composition in young adults with childhood-onset inflammatory bowel disease. <i>Scandinavian Journal of Gastroenterology</i> , <b>2021</b> , 56, 699-707	2.4	2
13	Androgens In Men Study (AIMS): protocol for meta-analyses of individual participant data investigating associations of androgens with health outcomes in men. <i>BMJ Open</i> , <b>2020</b> , 10, e034777	3	1
12	Men with type 2 diabetes mellitus have a lower detection rate of prostate cancer. <i>International Journal of Urology</i> , <b>2020</b> , 27, 817-820	2.3	1
11	The association between Single Nucleotide Polymorphisms of Klotho Gene and Mortality in Elderly Men: The MrOS Sweden Study. <i>Scientific Reports</i> , <b>2020</b> , 10, 10243	4.9	1
10	Insulin-like growth factor I and risk of incident cancer in elderly men - results from MrOS (Osteoporotic Fractures in Men) in Sweden. <i>Clinical Endocrinology</i> , <b>2016</b> , 84, 764-70	3.4	1
9	Serum Glycine Levels Are Associated With Cortical Bone Properties and Fracture Risk in Men. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2021</b> , 106, e5021-e5029	5.6	0
8	Lower prostate cancer risk in Swedish men with the androgen receptor E213 A-allele. <i>Cancer Causes and Control</i> , <b>2017</b> , 28, 227-233	2.8	
7	Response to Letter to the Editor: "Association Between Cortical Bone Microstructure and Statin Use in Older Women". <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2019</b> , 104, 3368-3369	5.6	
6	Development of a polygenic risk score to improve screening for fracture risk: A genetic risk prediction study <b>2020</b> , 17, e1003152		
5	Development of a polygenic risk score to improve screening for fracture risk: A genetic risk prediction study <b>2020</b> , 17, e1003152		
4	Development of a polygenic risk score to improve screening for fracture risk: A genetic risk prediction study <b>2020</b> , 17, e1003152		
3	Development of a polygenic risk score to improve screening for fracture risk: A genetic risk prediction study <b>2020</b> , 17, e1003152		

- 2 Development of a polygenic risk score to improve screening for fracture risk: A genetic risk prediction study **2020**, 17, e1003152
- 1 Development of a polygenic risk score to improve screening for fracture risk: A genetic risk prediction study **2020**, 17, e1003152