Morten Frost

List of Publications by Citations

71 papers	2,690 citations	29 h-index	51 g-index
79 ext. papers	3,238 ext. citations	5.6 avg, IF	5.03 L-index

#	Paper	IF	Citations
71	Genome-wide meta-analysis identifies 56 bone mineral density loci and reveals 14 loci associated with risk of fracture. *Nature Genetics*, **2012**, 44, 491-501	36.3	866
70	Bone Geometry, Volumetric Density, Microarchitecture, and Estimated Bone Strength Assessed by HR-pQCT in Adult Patients With Type 1 Diabetes Mellitus. *Journal of Bone and Mineral Research*, **2015**, 30, 2188-99	6.3	110
69	Compromised cortical bone compartment in type 2 diabetes mellitus patients with microvascular disease. *European Journal of Endocrinology*, **2016**, 174, 115-24	6.5	90
68	Use of Antibiotics and Risk of Type 2 Diabetes: A Population-Based Case-Control Study. *Journal of Clinical Endocrinology and Metabolism*, **2015**, 100, 3633-40	5.6	85
67	Bone microarchitecture and estimated strength in 499 adult Danish women and men: a cross-sectional, population-based high-resolution peripheral quantitative computed tomographic study on peak bone structure. *Calcified Tissue International*, **2014**, 94, 269-81	3.9	78
66	SUN-347 Glucagon-like Peptide 1 (GLP-1) Acts Directly On Human Osteoclasts To Increase Differentiation And Bone Resorptive Activity. *Journal of the Endocrine Society*, **2020**, 4,	0.4	78
65	The Danish Twin Registry: linking surveys, national registers, and biological information. *Twin Research and Human Genetics*, **2013**, 16, 104-11	2.2	66
64	Fracture risk in Danish men with prostate cancer: a nationwide register study. *BJU International*, **2007**, 100, 749-54	5.6	64
63	Bone disease in diabetes: another manifestation of microvascular disease?. *Lancet Diabetes and Endocrinology,the*, **2017**, 5, 827-838	18.1	62
62	Effect of Antibiotics on Gut Microbiota, Gut Hormones and Glucose Metabolism. *PLoS ONE*, **2015**, 10, e0142352	3.7	61
61	Autosomal dominant osteopetrosis revisited: lessons from recent studies. *European Journal of Endocrinology*, **2013**, 169, R39-57	6.5	55
60	Levels of serotonin, sclerostin, bone turnover markers as well as bone density and microarchitecture in patients with high-bone-mass phenotype due to a mutation in Lrp5. *Journal of Bone and Mineral Research*, **2011**, 26, 1721-8	6.3	53
59	Patients with high-bone-mass phenotype owing to Lrp5-T253I mutation have low plasma levels of serotonin. *Journal of Bone and Mineral Research*, **2010**, 25, 673-5	6.3	47
58	Clinical Features of Multiple Endocrine Neoplasia Type 4: Novel Pathogenic Variant and Review of Published Cases. *Journal of Clinical Endocrinology and Metabolism*, **2019**, 104, 3637-3646	5.6	46
57	Vitamin D status and PTH in young men: a cross-sectional study on associations with bone mineral density, body composition and glucose metabolism. *Clinical Endocrinology*, **2010**, 73, 573-80	3.4	45
56	AP2Mutations Impair Calcium-Sensing Receptor Trafficking and Signaling, and Show an Endosomal Pathway to Spatially Direct G-Protein Selectivity. *Cell Reports*, **2018**, 22, 1054-1066	10.6	44
55	Epidemiology of Fractures in Diabetes. *Calcified Tissue International*, **2017**, 100, 109-121	3.9	43

54	Chronic diseases in elderly men: underreporting and underdiagnosis. *Age and Ageing*, **2012**, 41, 177-83	3	42
53	Obesity-Associated Hypermetabolism and Accelerated Senescence of Bone Marrow Stromal Stem Cells Suggest a Potential Mechanism for Bone Fragility. *Cell Reports*, **2019**, 27, 2050-2062.e6	10.6	41
52	Side effects of drugs for osteoporosis and metastatic bone disease. *British Journal of Clinical Pharmacology*, **2019**, 85, 1063-1071	3.8	38
51	Assessment of gene-by-sex interaction effect on bone mineral density. *Journal of Bone and Mineral Research*, **2012**, 27, 2051-64	6.3	37
50	No evidence of a higher 10 year period prevalence of diabetes among 77,885 twins compared with 215,264 singletons from the Danish birth cohorts 1910-1989. *Diabetologia*, **2011**, 54, 2016-24	10.3	37
49	Osteoporosis and vertebral fractures in men aged 60-74 years. *Age and Ageing*, **2012**, 41, 171-7	3	37
48	Effects of metformin, rosiglitazone and insulin on bone metabolism in patients with type 2 diabetes. *Bone*, **2018**, 112, 35-41	4.7	36
47	Epigenetic signature of birth weight discordance in adult twins. *BMC Genomics*, **2014**, 15, 1062	4.5	36
46	Current and emerging therapies for PNETs in patients with or without MEN1. *Nature Reviews Endocrinology*, **2018**, 14, 216-227	15.2	34
45	Similar reference intervals for total testosterone in healthy young and elderly men: results from the Odense Androgen Study. *Clinical Endocrinology*, **2013**, 78, 743-51	3.4	34
44	Epigenome-wide Association of DNA Methylation in Whole Blood With Bone Mineral Density. *Journal of Bone and Mineral Research*, **2017**, 32, 1644-1650	6.3	33
43	Use of glucose-lowering drugs and risk of fracture in patients with type 2 diabetes. *Bone*, **2017**, 95, 136-142	4.7	33
42	Use of antibiotics in childhood and risk of Type 1 diabetes: a population-based case-control study. *Diabetic Medicine*, **2017**, 34, 272-277	3.5	25
41	Effects of gastric inhibitory polypeptide, glucagon-like peptide-1 and glucagon-like peptide-1 receptor agonists on Bone Cell Metabolism. *Basic and Clinical Pharmacology and Toxicology*, **2018**, 122, 25-37	3.1	21
40	Adult glucose metabolism in extremely birthweight-discordant monozygotic twins. *Diabetologia*, **2012**, 55, 3204-12	10.3	21
39	Central nervous system medications and falls risk in men aged 60-75 years: the Study on Male Osteoporosis and Aging (SOMA). *Age and Ageing*, **2013**, 42, 121-4	3	21
38	Polymorphisms in the endocannabinoid receptor 1 in relation to fat mass distribution. *European Journal of Endocrinology*, **2010**, 163, 407-12	6.5	19
37	Risk factors for fracture in elderly men: a population-based prospective study. *Osteoporosis International*, **2012**, 23, 521-31	5.3	18

36	Calcium-sensing receptor residues with loss- and gain-of-function mutations are located in regions of conformational change and cause signalling bias. *Human Molecular Genetics*, **2018**, 27, 3720-3733	5.6	17
35	Osteoporosis and prostate cancer; a 24-month prospective observational study during androgen deprivation therapy. *Scandinavian Journal of Urology*, **2019**, 53, 34-39	1.6	16
34	Neonatal High Bone Mass With First Mutation of the NF-B Complex: Heterozygous De Novo Missense (p.Asp512Ser) RELA (Rela/p65). *Journal of Bone and Mineral Research*, **2016**, 31, 163-72	6.3	15
33	Increased cortical area and thickness in the distal radius in subjects with SHOX-gene mutation. *Bone* , **2014**, 69, 23-9	4.7	14
32	Differentially Methylated Genomic Regions in Birth-Weight Discordant Twin Pairs. *Annals of Human Genetics*, **2016**, 80, 81-7	2.2	14
31	Pattern of use of DXA scans in men: a cross-sectional, population-based study. *Osteoporosis International*, **2012**, 23, 183-91	5.3	12
30	Peak muscle mass in young men and sarcopenia in the ageing male. *Osteoporosis International*, **2015** , 26, 749-56	5.3	11
29	A MEN1 pancreatic neuroendocrine tumour mouse model under temporal control. *Endocrine Connections*, **2017**, 6, 232-242	3.5	10
28	Epigenetic signature of preterm birth in adult twins. *Clinical Epigenetics*, **2018**, 10, 87	7.7	10
27	Adiponectin and peak bone mass in men: a cross-sectional, population-based study. *Calcified Tissue International*, **2010**, 87, 36-43	3.9	10
26	Polymorphisms of muscle genes are associated with bone mass and incident osteoporotic fractures in Caucasians. *Calcified Tissue International*, **2013**, 92, 467-76	3.9	8
25	Case report: vitamin D-dependent rickets type 1 caused by a novel CYP27B1 mutation. *Clinical Case Reports (discontinued)*, **2015**, 3, 1012-6	0.7	8
24	Birth weight and adult bone metabolism are unrelated: results from birth weight-discordant monozygotic twins. *Journal of Bone and Mineral Research*, **2013**, 28, 2561-9	6.3	8
23	Radiographic absorptiometry as a screening tool in male osteoporosis: results from the Odense Androgen Study. *Acta Radiologica*, **2009**, 50, 658-63	2	8
22	The relationship between bone turnover and insulin sensitivity and secretion: Cross-sectional and prospective data from the RISC cohort study. *Bone*, **2018**, 108, 98-105	4.7	7
21	Lecocytes mutation load declines with age in carriers of the m.3243A>G mutation: A 10-year Prospective Cohort. *Clinical Genetics*, **2018**, 93, 925-928	4	6
20	Osteoporosis and prostate cancer: a cross-sectional study of Danish men with prostate cancer before androgen deprivation therapy. *Scandinavian Journal of Urology*, **2014**, 48, 350-5	1.6	6
19	Bone fragility in diabetes: novel concepts and clinical implications.. *Lancet Diabetes and Endocrinology,the*, **2022**,	18.1	6

18	Bone structure in two adult subjects with impaired minor spliceosome function resulting from RNU4ATAC mutations causing microcephalic osteodysplastic primordial dwarfism type 1 (MOPD1). *Bone*, **2016**, 92, 145-149	4.7	6
17	Mitochondrial Point Mutation m.3243A>G Associates With Lower Bone Mineral Density, Thinner Cortices, and Reduced Bone Strength: A Case-Control Study. *Journal of Bone and Mineral Research*, **2017**, 32, 2041-2048	6.3	5
16	Regulation of the pituitary-thyroid axis in adulthood is not related to birth weight: evidence from extremely birth weight-discordant monozygotic Danish twin pairs. *Thyroid*, **2013**, 23, 785-90	6.2	5
15	The Antiresorptive Effect of GIP, But Not GLP-2, Is Preserved in Patients With Hypoparathyroidism-A Randomized Crossover Study. *Journal of Bone and Mineral Research*, **2021**, 36, 1448-1458	6.3	5
14	Alliances of the gut and bone axis. *Seminars in Cell and Developmental Biology*, **2021**, 123, 74-74	7.5	5
13	Modeling-based bone formation transforms trabeculae to cortical bone in the sclerotic areas in Buschke-Ollendorff syndrome. A case study of two females with LEMD3 variants. *Bone*, **2020**, 135, 115313	4.7	4
12	Epigenome-wide exploratory study of monozygotic twins suggests differentially methylated regions to associate with hand grip strength. *Biogerontology*, **2019**, 20, 627-647	4.5	3
11	Octreotide therapy and restricted fetal growth: pregnancy in familial hyperinsulinemic hypoglycemia. *Endocrinology, Diabetes and Metabolism Case Reports*, **2017**, 2017,	1.4	3
10	Asymptomatic parental mosaicism for osteogenesis imperfecta associated with a new splice site mutation in. *Clinical Case Reports (discontinued)*, **2016**, 4, 972-978	0.7	3
9	No changes in levels of bone formation and resorption markers following a broad-spectrum antibiotic course. *BMC Endocrine Disorders*, **2018**, 18, 60	3.3	3
8	Mitochondrial mutation m.3243A>G associates with insulin resistance in non-diabetic carriers. *Endocrine Connections*, **2019**, 8, 829-837	3.5	2
7	Disentangling the association between diabetes and bone disease - Authors'reply. *Lancet Diabetes and Endocrinology,the*, **2017**, 5, 769-770	18.1	1
6	Absence of an osteopetrosis phenotype in IKBKG (NEMO) mutation-positive women: A case-control study. *Bone*, **2019**, 121, 243-254	4.7	1
5	Understanding Bone Disease in Patients with Diabetic Kidney Disease: a Narrative Review. *Current Osteoporosis Reports*, **2020**, 18, 727-736	5.4	1
4	Disentangling the relationship between bone turnover and glucose homeostasis: A prospective, population-based twin study. *Bone Reports*, **2021**, 14, 100752	2.6	0
3	Serum sclerostin and glucose homeostasis: No association in healthy men. Cross-sectional and prospective data from the EGIR-RISC study. *Bone*, **2021**, 143, 115681	4.7	0
2	Reply to: Reduced Bone Mineral Density in m.3243A>G Carriers May Be Multifactorial. *Journal of Bone and Mineral Research*, **2017**, 32, 2317-2318	6.3	
1	Development of the Bone Phenotype and microRNA Profile in Adults With Low-Density Lipoprotein Receptor-Related Protein 5-High Bone Mass (LRP5-HBM) Disease. *JBMR Plus*, **2021**, 5, e10534	3.9	