

# Masayuki Iki

## List of Publications by Citations

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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.

82  
papers

2,229  
citations

24  
h-index

45  
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86  
ext. papers

2,571  
ext. citations

4.1  
avg, IF

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L-index

#	Paper	IF	Citations
82	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
81	Japanese 2011 guidelines for prevention and treatment of osteoporosis--executive summary. <i>Archives of Osteoporosis</i> , <b>2012</b> , 7, 3-20	2.9	228
80	Bone mineral density of the spine, hip and distal forearm in representative samples of the Japanese female population: Japanese Population-Based Osteoporosis (JPOS) Study. <i>Osteoporosis International</i> , <b>2001</b> , 12, 529-37	5.3	137
79	Intake of fermented soybeans, natto, is associated with reduced bone loss in postmenopausal women: Japanese Population-Based Osteoporosis (JPOS) Study. <i>Journal of Nutrition</i> , <b>2006</b> , 136, 1323-8	4.1	115
78	Trabecular bone score (TBS) predicts vertebral fractures in Japanese women over 10 years independently of bone density and prevalent vertebral deformity: the Japanese Population-Based Osteoporosis (JPOS) cohort study. <i>Journal of Bone and Mineral Research</i> , <b>2014</b> , 29, 399-407	6.3	114
77	Serum undercarboxylated osteocalcin levels are inversely associated with glycemic status and insulin resistance in an elderly Japanese male population: Fujiwara-kyo Osteoporosis Risk in Men (FORMEN) Study. <i>Osteoporosis International</i> , <b>2012</b> , 23, 761-70	5.3	98
76	Reference database of biochemical markers of bone turnover for the Japanese female population. Japanese Population-based Osteoporosis (JPOS) Study. <i>Osteoporosis International</i> , <b>2004</b> , 15, 981-91	5.3	66
75	Association between vitamin K intake from fermented soybeans, natto, and bone mineral density in elderly Japanese men: the Fujiwara-kyo Osteoporosis Risk in Men (FORMEN) study. <i>Osteoporosis International</i> , <b>2012</b> , 23, 705-14	5.3	55
74	Low bone mass is associated with carotid atherosclerosis in postmenopausal women: the Japanese Population-based Osteoporosis (JPOS) Cohort Study. <i>Osteoporosis International</i> , <b>2009</b> , 20, 53-60	5.3	51
73	Impact of smoking on bone mineral density and bone metabolism in elderly men: the Fujiwara-kyo Osteoporosis Risk in Men (FORMEN) study. <i>Osteoporosis International</i> , <b>2011</b> , 22, 133-41	5.3	48
72	Biochemical markers of bone turnover predict bone loss in perimenopausal women but not in postmenopausal women-the Japanese Population-based Osteoporosis (JPOS) Cohort Study. <i>Osteoporosis International</i> , <b>2006</b> , 17, 1086-95	5.3	43
71	Age, menopause, bone turnover markers and lumbar bone loss in healthy Japanese women. <i>Maturitas</i> , <b>1996</b> , 25, 59-67	5	42
70	Estimates of hip fracture incidence in Japan using the National Health Insurance Claim Database in 2012-2015. <i>Osteoporosis International</i> , <b>2019</b> , 30, 975-983	5.3	40
69	Trabecular bone score may improve FRAX <sup>®</sup> prediction accuracy for major osteoporotic fractures in elderly Japanese men: the Fujiwara-kyo Osteoporosis Risk in Men (FORMEN) Cohort Study. <i>Osteoporosis International</i> , <b>2015</b> , 26, 1841-8	5.3	39
68	Fracture risk prediction using FRAX <sup>®</sup> : a 10-year follow-up survey of the Japanese Population-Based Osteoporosis (JPOS) Cohort Study. <i>Osteoporosis International</i> , <b>2011</b> , 22, 3037-45	5.3	38
67	Total 25-hydroxyvitamin D levels predict fracture risk: results from the 15-year follow-up of the Japanese Population-based Osteoporosis (JPOS) Cohort Study. <i>Osteoporosis International</i> , <b>2017</b> , 28, 1903-1913	5.3	35
66	Greater trunk muscle torque reduces postmenopausal bone loss at the spine independently of age, body size, and vitamin D receptor genotype in Japanese women. <i>Calcified Tissue International</i> , <b>2002</b> , 71, 300-7	3.9	34

65	Alcohol intake and bone status in elderly Japanese men: baseline data from the Fujiwara-kyo osteoporosis risk in men (FORMEN) study. <i>Bone</i> , <b>2011</b> , 49, 275-80	4.7	31
64	Design and baseline characteristics of a prospective cohort study for determinants of osteoporotic fracture in community-dwelling elderly Japanese men: the Fujiwara-kyo osteoporosis risk in men (FORMEN) study. <i>BMC Musculoskeletal Disorders</i> , <b>2009</b> , 10, 165	2.8	29
63	Prediction of bone mineral density from vitamin D receptor polymorphisms is uncertain in representative samples of Japanese Women. The Japanese Population-based Osteoporosis (JPOS) Study. <i>International Journal of Epidemiology</i> , <b>2004</b> , 33, 979-88	7.8	29
62	Age-related normative values of trabecular bone score (TBS) for Japanese women: the Japanese Population-based Osteoporosis (JPOS) study. <i>Osteoporosis International</i> , <b>2015</b> , 26, 245-52	5.3	28
61	Hyperglycemia is associated with increased bone mineral density and decreased trabecular bone score in elderly Japanese men: The Fujiwara-kyo osteoporosis risk in men (FORMEN) study. <i>Bone</i> , <b>2017</b> , 105, 18-25	4.7	28
60	Prevalent vertebral deformity independently increases incident vertebral fracture risk in middle-aged and elderly Japanese women: the Japanese Population-based Osteoporosis (JPOS) Cohort Study. <i>Osteoporosis International</i> , <b>2010</b> , 21, 1513-22	5.3	28
59	Development of a food-frequency questionnaire to measure the dietary calcium intake of adult Japanese women. <i>Tohoku Journal of Experimental Medicine</i> , <b>2005</b> , 207, 217-22	2.4	26
58	Biochemical markers for bone turnover predict risk of vertebral fractures in postmenopausal women over 10 years: the Japanese Population-based Osteoporosis (JPOS) Cohort Study. <i>Osteoporosis International</i> , <b>2013</b> , 24, 887-97	5.3	23
57	Effects of pubertal development, height, weight, and grip strength on the bone mineral density of the lumbar spine and hip in peripubertal Japanese children: Kyoto kids increase density in the skeleton study (Kyoto KIDS study). <i>Journal of Bone and Mineral Metabolism</i> , <b>2005</b> , 23, 463-9	2.9	22
56	Age-specific values and cutoff levels for the diagnosis of osteoporosis in quantitative ultrasound measurements at the calcaneus with SAHARA in healthy Japanese women: Japanese population-based osteoporosis (JPOS) study. <i>Calcified Tissue International</i> , <b>2002</b> , 71, 1-9	3.9	19
55	Effects of the Cdx-2 polymorphism of the vitamin D receptor gene and lifestyle factors on bone mineral density in a representative sample of Japanese women: the Japanese Population-based Osteoporosis (JPOS) Study. <i>Calcified Tissue International</i> , <b>2005</b> , 77, 339-47	3.9	18
54	Greater milk intake is associated with lower bone turnover, higher bone density, and higher bone microarchitecture index in a population of elderly Japanese men with relatively low dietary calcium intake: Fujiwara-kyo Osteoporosis Risk in Men (FORMEN) Study. <i>Osteoporosis International</i> , <b>2015</b> , 26, 1505-14	5.3	17
53	Increased ratio of trunk to appendicular fat and increased blood pressure: study of a general population of Hamamatsu children. <i>Circulation Journal</i> , <b>2012</b> , 76, 2848-54	2.9	17
52	Which element of physical activity is more important for determining bone growth in Japanese children and adolescents: the degree of impact, the period, the frequency, or the daily duration of physical activity?. <i>Journal of Bone and Mineral Metabolism</i> , <b>2008</b> , 26, 366-72	2.9	17
51	Muscle strength is associated with bone health independently of muscle mass in postmenopausal women: the Japanese population-based osteoporosis study. <i>Journal of Bone and Mineral Metabolism</i> , <b>2019</b> , 37, 53-59	2.9	16
50	The Murakami Cohort Study of vitamin D for the prevention of musculoskeletal and other age-related diseases: a study protocol. <i>Environmental Health and Preventive Medicine</i> , <b>2018</b> , 23, 28	4.2	15
49	Smoking among premenopausal women is associated with increased risk of low bone status: the JPOS Study. <i>Journal of Bone and Mineral Metabolism</i> , <b>2010</b> , 28, 320-7	2.9	15
48	Use of anthropometric indicators in screening for undiagnosed vertebral fractures: a cross-sectional analysis of the Fukui Osteoporosis Cohort (FOC) study. <i>BMC Musculoskeletal Disorders</i> , <b>2008</b> , 9, 157	2.8	15

47	Biochemical markers of bone turnover may predict progression to osteoporosis in osteopenic women: the JPOS Cohort Study. <i>Journal of Bone and Mineral Metabolism</i> , <b>2007</b> , 25, 122-9	2.9	15
46	Natto Intake is Inversely Associated with Osteoporotic Fracture Risk in Postmenopausal Japanese Women. <i>Journal of Nutrition</i> , <b>2020</b> , 150, 599-605	4.1	15
45	For making a declaration of countermeasures against the falling birth rate from the Japanese Society for Hygiene: summary of discussion in the working group on academic research strategy against an aging society with low birth rate. <i>Environmental Health and Preventive Medicine</i> , <b>2019</b> , 24, 14	4.2	14
44	Renal function and bone mineral density in community-dwelling elderly Japanese men: the Fujiwara-kyo Osteoporosis Risk in Men (FORMEN) Study. <i>Bone</i> , <b>2013</b> , 56, 61-6	4.7	14
43	Cohort Profile: The Japanese Population-based Osteoporosis (JPOS) Cohort Study. <i>International Journal of Epidemiology</i> , <b>2015</b> , 44, 405-14	7.8	14
42	Ratio of Endogenous Secretary Receptor for Advanced Glycation End Products to Pentosidine Predicts Fractures in Men. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2018</b> , 103, 85-94	5.6	13
41	Tracking of appendicular bone mineral density for 6 years including the pubertal growth spurt: Japanese Population-based Osteoporosis kids cohort study. <i>Journal of Bone and Mineral Metabolism</i> , <b>2011</b> , 29, 208-16	2.9	13
40	Age-specific reference values of hip geometric indices from a representative sample of the Japanese female population: Japanese Population-based Osteoporosis (JPOS) Study. <i>Osteoporosis International</i> , <b>2011</b> , 22, 1987-96	5.3	13
39	Trunk muscle strength is a strong predictor of bone loss in postmenopausal women. <i>Clinical Orthopaedics and Related Research</i> , <b>2006</b> , 443, 66-72	2.2	13
38	Peroxisome proliferator-activated receptor gamma polymorphism is related to peak bone mass: the JPOS study. <i>Osteoporosis International</i> , <b>2010</b> , 21, 321-9	5.3	12
37	Hyperglycemic status is associated with an elevated risk of osteoporotic fracture in community-dwelling elderly Japanese men: The Fujiwara-kyo osteoporosis risk in men (FORMEN) cohort study. <i>Bone</i> , <b>2019</b> , 121, 100-106	4.7	11
36	Association between hand-grip strength and site-specific risks of major osteoporotic fracture: Results from the Japanese Population-based Osteoporosis Cohort Study. <i>Maturitas</i> , <b>2019</b> , 130, 13-20	5	11
35	Ultrasound bone densitometry of the calcaneus, determined with Sahara, in healthy Japanese adolescents: Japanese Population-based Osteoporosis (JPOS) Study. <i>Journal of Bone and Mineral Metabolism</i> , <b>2004</b> , 22, 248-53	2.9	11
34	Epidemiological profiles of chronic low back and knee pain in middle-aged and elderly Japanese from the Murakami cohort. <i>Journal of Pain Research</i> , <b>2018</b> , 11, 3161-3169	2.9	11
33	Fat mass is positively associated with bone mass in relatively thin adolescents: data from the Kitakata Kids Health Study. <i>Bone</i> , <b>2014</b> , 64, 298-302	4.7	10
32	Reference data of forearm bone mineral density in healthy Japanese male and female subjects in the second decade based on calendar age and puberty onset: Japanese Population Based Osteoporosis (JPOS) study. <i>Osteoporosis International</i> , <b>2000</b> , 11, 858-65	5.3	10
31	Increased risk of osteoporotic fracture in community-dwelling elderly men 20 or more years after gastrectomy: The Fujiwara-kyo Osteoporosis Risk in Men (FORMEN) Cohort Study. <i>Bone</i> , <b>2019</b> , 127, 250-259	4.7	9
30	Does Trabecular Bone Score (TBS) improve the predictive ability of FRAX for major osteoporotic fractures according to the Japanese Population-Based Osteoporosis (JPOS) cohort study?. <i>Journal of Bone and Mineral Metabolism</i> , <b>2019</b> , 37, 161-170	2.9	8

29	Association between weight changes and changes in hip geometric indices in the Japanese female population during 10-year follow-up: Japanese Population-based Osteoporosis (JPOS) Cohort Study. <i>Osteoporosis International</i> , <b>2012</b> , 23, 1581-91	5.3	7
28	Insufficient increase in bone mineral density testing rates and pharmacotherapy after hip fracture in Japan. <i>Journal of Bone and Mineral Metabolism</i> , <b>2020</b> , 38, 589-596	2.9	6
27	Incident fracture associated with increased risk of mortality even after adjusting for frailty status in elderly Japanese men: the Fujiwara-kyo Osteoporosis Risk in Men (FORMEN) Cohort Study. <i>Osteoporosis International</i> , <b>2017</b> , 28, 871-880	5.3	5
26	Efficacy of optimization of vitamin D in preventing osteoporosis and osteoporotic fractures: A systematic review. <i>Environmental Health and Preventive Medicine</i> , <b>2006</b> , 11, 155-70	4.2	5
25	Low bone mineral density is associated with an elevated risk of developing increased arterial stiffness: A 10-year follow-up of Japanese women from the Japanese Population-based Osteoporosis (JPOS) cohort study. <i>Maturitas</i> , <b>2019</b> , 119, 39-45	5	5
24	Predicting bone mineral acquisition during puberty: data from a 3-year follow-up study in Hamamatsu, Japan. <i>Journal of Bone and Mineral Metabolism</i> , <b>2017</b> , 35, 185-191	2.9	4
23	Calcium Intake and Bone Mineral Acquisition during the Pubertal Growth Spurt: Three-Year Follow-Up of the Kitakata Kids Health Study in Japan. <i>Journal of Nutritional Science and Vitaminology</i> , <b>2020</b> , 66, 158-167	1.1	4
22	Relationships between serum uric acid concentrations, uric acid lowering medications, and vertebral fracture in community-dwelling elderly Japanese men: Fujiwara-kyo Osteoporosis Risk in Men (FORMEN) Cohort Study. <i>Bone</i> , <b>2020</b> , 139, 115519	4.7	4
21	Total physical activity and risk of chronic low back and knee pain in middle-aged and elderly Japanese people: The Murakami cohort study. <i>European Journal of Pain</i> , <b>2020</b> , 24, 863-872	3.7	4
20	Arm span increases predictive value of models for prevalent vertebral deformities: the Japanese Population-based Osteoporosis (JPOS) Study. <i>Maturitas</i> , <b>2009</b> , 64, 241-5	5	4
19	Relative Importance of Central and Peripheral Adiposities on Cardiometabolic Variables in Females: A Japanese Population-Based Study. <i>Journal of Clinical Densitometry</i> , <b>2017</b> , 20, 58-65	3.5	3
18	Determinants of bone health in elderly Japanese men: study design and key findings of the Fujiwara-kyo Osteoporosis Risk in Men (FORMEN) cohort study. <i>Environmental Health and Preventive Medicine</i> , <b>2021</b> , 26, 51	4.2	3
17	Insufficient persistence of and adherence to osteoporosis pharmacotherapy in Japan. <i>Journal of Bone and Mineral Metabolism</i> , <b>2021</b> , 39, 501-509	2.9	3
16	Decreased bone mineral density and osteoporotic fractures are associated with the development of echogenic plaques in the carotid arteries over a 10-year follow-up period: The Japanese Population-based Osteoporosis (JPOS) Cohort Study. <i>Maturitas</i> , <b>2020</b> , 131, 40-47	5	2
15	Trunk-to-peripheral fat ratio predicts a subsequent blood pressure in normal-weight pubertal boys: a 3-year follow-up of the Kitakata Kids Health Study. <i>Environmental Health and Preventive Medicine</i> , <b>2020</b> , 25, 41	4.2	2
14	Predictive ability of novel volumetric and geometric indices derived from dual-energy X-ray absorptiometric images of the proximal femur for hip fracture compared with conventional areal bone mineral density: the Japanese Population-based Osteoporosis (JPOS) Cohort Study. <i>Osteoporosis International</i> , <b>2021</b> , 32, 2289-2299	5.3	2
13	Guideline adherence by physicians for management of glucocorticoid-induced osteoporosis in Japan: a nationwide health insurance claims database study.. <i>Osteoporosis International</i> , <b>2022</b> , 33, 1097	5.3	1
12	Dietary calcium and vitamin K are associated with osteoporotic fracture risk in middle-aged and elderly Japanese women, but not men: the Murakami Cohort Study. <i>British Journal of Nutrition</i> , <b>2021</b> , 125, 319-328	3.6	1

11	Response to Effects of Vitamin K intake on gamma-carboxylated proteins, bone fractures, and vascular calcifications. <i>Osteoporosis International</i> , <b>2012</b> , 23, 1639-1640	5.3	○
10	Associations between trunk-to-peripheral fat ratio and cardiometabolic risk factors in elderly Japanese men: baseline data from the Fujiwara-kyo Osteoporosis Risk in Men (FORMEN) study. <i>Environmental Health and Preventive Medicine</i> , <b>2021</b> , 26, 35	4.2	○
9	Circulating osteocalcin levels were not significantly associated with the risk of incident type 2 diabetes mellitus in elderly Japanese men: The Fujiwara-kyo Osteoporosis Risk in Men (FORMEN) Cohort Study. <i>Bone</i> , <b>2021</b> , 147, 115912	4.7	○
8	Delayed initiation of anti-osteoporosis medications increases subsequent hip and vertebral fractures in patients on long-term glucocorticoid therapy: A nationwide health insurance claims database study in Japan.. <i>Bone</i> , <b>2022</b> , 160, 116396	4.7	○
7	Update of the fracture risk prediction tool FRAX: a systematic review of potential cohorts and analysis plan. <i>Osteoporosis International</i> ,	5.3	○
6	Applicability of homeostasis model assessment of insulin resistance to patients with hyperglycemia: reply to Kawada. <i>Osteoporosis International</i> , <b>2013</b> , 24, 2735	5.3	
5	A screening model for low bone mass in elderly Japanese men using quantitative ultrasound measurements: Fujiwara-Kyo Study. <i>Journal of Clinical Densitometry</i> , <b>2012</b> , 15, 343-50	3.5	
4	Efficacy of Optimization of Vitamin D in Preventing Osteoporosis and Osteoporotic Fractures: A Systematic Review. <i>Environmental Health and Preventive Medicine</i> , <b>2006</b> , 11, 155-170	4.2	
3	Combined results of three physical performance tests predict incident fracture independently of aBMD in community-dwelling elderly Japanese men: Fujiwara-kyo Osteoporosis Risk in Men (FORMEN) Cohort Study. <i>Bone</i> , <b>2022</b> , 154, 116240	4.7	
2	Response to "Increased risk of osteoporotic fractures in patients with gastric cancer and post-gastrectomy" by Lai SW, et al. <i>Bone</i> , <b>2020</b> , 132, 115213	4.7	
1	Response to "Is grip strength an actual/significant predictor of areal bone mineral density by itself? Potential confounders and/or effect modifiers". <i>Journal of Bone and Mineral Metabolism</i> , <b>2020</b> , 38, 137-138	2.9	