

Kun Zhu

List of Publications by Year in descending order

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87
papers

5,088
citations

109321
35
h-index

91884
69
g-index

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all docs

89
docs citations

89
times ranked

8097
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	21.4	1,100
2	Life-Course Genome-wide Association Study Meta-analysis of Total Body BMD and Assessment of Age-Specific Effects. <i>American Journal of Human Genetics</i> , 2018, 102, 88-102.	6.2	252
3	School-milk intervention trial enhances growth and bone mineral accretion in Chinese girls aged 10–12 years in Beijing. <i>British Journal of Nutrition</i> , 2004, 92, 159-168.	2.3	217
4	Effects of Ergocalciferol Added to Calcium on the Risk of Falls in Elderly High-Risk Women. <i>Archives of Internal Medicine</i> , 2008, 168, 103.	3.8	186
5	Calcium supplementation and the risks of atherosclerotic vascular disease in older women: Results of a 5-year RCT and a 4.5-year follow-up. <i>Journal of Bone and Mineral Research</i> , 2011, 26, 35-41.	2.8	176
6	Low Vitamin D Status Has an Adverse Influence on Bone Mass, Bone Turnover, and Muscle Strength in Chinese Adolescent Girls. <i>Journal of Nutrition</i> , 2009, 139, 1002-1007.	2.9	138
7	A Randomized Controlled Trial of the Effects of Vitamin D on Muscle Strength and Mobility in Older Women with Vitamin D Insufficiency. <i>Journal of the American Geriatrics Society</i> , 2010, 58, 2063-2068.	2.6	137
8	Calcium and bone. <i>Clinical Biochemistry</i> , 2012, 45, 936-942.	1.9	120
9	Effects of three-monthly oral 150,000 IU cholecalciferol supplementation on falls, mobility, and muscle strength in older postmenopausal women: A randomized controlled trial. <i>Journal of Bone and Mineral Research</i> , 2012, 27, 170-176.	2.8	120
10	Maternal Vitamin D Status During Pregnancy and Bone Mass in Offspring at 20 Years of Age: A Prospective Cohort Study. <i>Journal of Bone and Mineral Research</i> , 2014, 29, 1088-1095.	2.8	119
11	Effects of Calcium and Vitamin D Supplementation on Hip Bone Mineral Density and Calcium-Related Analytes in Elderly Ambulatory Australian Women: A Five-Year Randomized Controlled Trial. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2008, 93, 743-749.	3.6	107
12	Adverse events from calcium supplementation: Relationship to errors in myocardial infarction self-reporting in randomized controlled trials of calcium supplementation. <i>Journal of Bone and Mineral Research</i> , 2012, 27, 719-722.	2.8	106
13	A 5-Year Cohort Study of the Effects of High Protein Intake on Lean Mass and BMC in Elderly Postmenopausal Women. <i>Journal of Bone and Mineral Research</i> , 2009, 24, 1827-1834.	2.8	103
14	Vitamin D in Fetal Development: Findings From a Birth Cohort Study. <i>Pediatrics</i> , 2015, 135, e167-e173.	2.1	93
15	Genetic determinants of heel bone properties: genome-wide association meta-analysis and replication in the GEFOS/GENOMOS consortium. <i>Human Molecular Genetics</i> , 2014, 23, 3054-3068.	2.9	90
16	Long-Term Proton Pump Inhibitor Therapy and Falls and Fractures in Elderly Women: A Prospective Cohort Study. <i>Journal of Bone and Mineral Research</i> , 2014, 29, 2489-2497.	2.8	87
17	Association between yogurt, milk, and cheese consumption and common carotid artery intima-media thickness and cardiovascular disease risk factors in elderly women. <i>American Journal of Clinical Nutrition</i> , 2011, 94, 234-239.	4.7	86
18	Randomized Controlled Trial of the Effects of Calcium With or Without Vitamin D on Bone Structure and Bone-Related Chemistry in Elderly Women With Vitamin D Insufficiency. <i>Journal of Bone and Mineral Research</i> , 2008, 23, 1343-1348.	2.8	82

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19	The effects of a two-year randomized, controlled trial of whey protein supplementation on bone structure, IGF-1, and urinary calcium excretion in older postmenopausal women. <i>Journal of Bone and Mineral Research</i> , 2011, 26, 2298-2306.	2.8	81
20	Two-Year Whey Protein Supplementation Did Not Enhance Muscle Mass and Physical Function in Well-Nourished Healthy Older Postmenopausal Women. <i>Journal of Nutrition</i> , 2015, 145, 2520-2526.	2.9	79
21	Effects of school milk intervention on cortical bone accretion and indicators relevant to bone metabolism in Chinese girls aged 10–12 y in Beijing. <i>American Journal of Clinical Nutrition</i> , 2005, 81, 1168-1175.	4.7	73
22	Growth, bone mass, and vitamin D status of Chinese adolescent girls 3 y after withdrawal of milk supplementation. <i>American Journal of Clinical Nutrition</i> , 2006, 83, 714-721.	4.7	68
23	Lifestyle and Osteoporosis. <i>Current Osteoporosis Reports</i> , 2015, 13, 52-59.	3.6	68
24	Associations between body mass index, lean and fat body mass and bone mineral density in middle-aged Australians: The Busselton Healthy Ageing Study. <i>Bone</i> , 2015, 74, 146-152.	2.9	60
25	Timed Up and Go Test and Bone Mineral Density Measurement for Fracture Prediction. <i>Archives of Internal Medicine</i> , 2011, 171, 1655.	3.8	58
26	Association of Dairy Intake with Body Composition and Physical Function in Older Community-Dwelling Women. <i>Journal of the Academy of Nutrition and Dietetics</i> , 2013, 113, 1669-1674.	0.8	54
27	Influence of body composition, muscle strength, diet and physical activity on total body and forearm bone mass in Chinese adolescent girls. <i>British Journal of Nutrition</i> , 2007, 98, 1281-1287.	2.3	52
28	Dairy Food Intake, Peripheral Bone Structure, and Muscle Mass in Elderly Ambulatory Women. <i>Journal of Bone and Mineral Research</i> , 2014, 29, 1691-1700.	2.8	50
29	Abdominal Aortic Calcification Identified on Lateral Spine Images From Bone Densitometers Are a Marker of Generalized Atherosclerosis in Elderly Women. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2016, 36, 166-173.	2.4	49
30	Assessment of gene-by-sex interaction effect on bone mineral density. <i>Journal of Bone and Mineral Research</i> , 2012, 27, 2051-2064.	2.8	47
31	Long-Term Atherosclerotic Vascular Disease Risk and Prognosis in Elderly Women With Abdominal Aortic Calcification on Lateral Spine Images Captured During Bone Density Testing: A Prospective Study. <i>Journal of Bone and Mineral Research</i> , 2018, 33, 1001-1010.	2.8	45
32	Expression Quantitative Trait Locus Study of Bone Mineral Density GWAS Variants in Human Osteoclasts. <i>Journal of Bone and Mineral Research</i> , 2018, 33, 1044-1051.	2.8	43
33	Association Between Abdominal Aortic Calcification, Bone Mineral Density, and Fracture in Older Women. <i>Journal of Bone and Mineral Research</i> , 2019, 34, 2052-2060.	2.8	43
34	Cruciferous and Allium Vegetable Intakes are Inversely Associated With 15-Year Atherosclerotic Vascular Disease Deaths in Older Adult Women. <i>Journal of the American Heart Association</i> , 2017, 6, .	3.7	41
35	Growth and Bone Mineral Accretion During Puberty in Chinese Girls: A Five-Year Longitudinal Study. <i>Journal of Bone and Mineral Research</i> , 2008, 23, 167-172.	2.8	37
36	A genome-wide copy number association study of osteoporotic fractures points to the 6p25.1 locus. <i>Journal of Medical Genetics</i> , 2014, 51, 122-131.	3.2	36

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37	Tracking of vitamin D status from childhood to early adulthood and its association with peak bone mass. <i>American Journal of Clinical Nutrition</i> , 2017, 106, 276-283.	4.7	36
38	Characterisation of genetic regulatory effects for osteoporosis risk variants in human osteoclasts. <i>Genome Biology</i> , 2020, 21, 80.	8.8	36
39	The Effects of 3 Years of Calcium Supplementation on Common Carotid Artery Intimal Medial Thickness and Carotid Atherosclerosis in Older Women: An Ancillary Study of the CALFOS Randomized Controlled Trial. <i>Journal of Bone and Mineral Research</i> , 2014, 29, 534-541.	2.8	33
40	Genome-wide association study for radiographic vertebral fractures: A potential role for the 16q24 BMD locus. <i>Bone</i> , 2014, 59, 20-27.	2.9	32
41	Estimated glomerular filtration rate as an independent predictor of atherosclerotic vascular disease in older women. <i>BMC Nephrology</i> , 2012, 13, 58.	1.8	31
42	Cruciferous and Total Vegetable Intakes Are Inversely Associated With Subclinical Atherosclerosis in Older Adult Women. <i>Journal of the American Heart Association</i> , 2018, 7, .	3.7	31
43	Dietary saturated fat intake and atherosclerotic vascular disease mortality in elderly women: a prospective cohort study. <i>American Journal of Clinical Nutrition</i> , 2015, 101, 1263-1268.	4.7	29
44	The association between dietary protein intake and bone mass accretion in pubertal girls with low calcium intakes. <i>British Journal of Nutrition</i> , 2010, 103, 714-723.	2.3	28
45	Adding Lateral Spine Imaging for Vertebral Fractures to Densitometric Screening: Improving Ascertainment of Patients at High Risk of Incident Osteoporotic Fractures. <i>Journal of Bone and Mineral Research</i> , 2019, 34, 282-289.	2.8	28
46	Vegetable and fruit intake and injurious falls risk in older women: a prospective cohort study. <i>British Journal of Nutrition</i> , 2018, 120, 925-934.	2.3	27
47	Elevated Osteoprotegerin Predicts Declining Renal Function in Elderly Women: A 10-Year Prospective Cohort Study. <i>American Journal of Nephrology</i> , 2014, 39, 66-74.	3.1	25
48	Identification of a dietary pattern prospectively associated with bone mass in Australian young adults. <i>American Journal of Clinical Nutrition</i> , 2015, 102, 1035-1043.	4.7	25
49	Dietary nitrate intake is associated with muscle function in older women. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2019, 10, 601-610.	7.3	25
50	Bone mass in Chinese premenarcheal girls: the roles of body composition, calcium intake and physical activity. <i>British Journal of Nutrition</i> , 2004, 92, 985-993.	2.3	24
51	Effects of school-milk intervention on growth and bone mineral accretion in Chinese girls aged 10–12 years: accounting for cluster randomisation. <i>British Journal of Nutrition</i> , 2005, 94, 1038-1039.	2.3	24
52	Long-term effects of a protein-enriched diet on blood pressure in older women. <i>British Journal of Nutrition</i> , 2012, 107, 1664-1672.	2.3	24
53	Longitudinal Trajectories of Television Watching Across Childhood and Adolescence Predict Bone Mass at Age 20 Years in the Raine Study. <i>Journal of Bone and Mineral Research</i> , 2016, 31, 2032-2040.	2.8	24
54	Vegetable and Fruit Intake and Fracture-Related Hospitalisations: A Prospective Study of Older Women. <i>Nutrients</i> , 2017, 9, 511.	4.1	23

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55	Genetic regulatory mechanisms in human osteoclasts suggest a role for the STMP1 and DCSTAMP genes in Paget's disease of bone. <i>Scientific Reports</i> , 2019, 9, 1052.	3.3	23
56	Serum 25-hydroxyvitamin D as a predictor of mortality and cardiovascular events: A 20-year study of a community-based cohort. <i>Clinical Endocrinology</i> , 2018, 88, 154-163.	2.4	19
57	Genome-wide association study for radiographic vertebral fractures: a potential role for the 16q24 BMD locus. <i>Bone</i> , 2014, 59, 20-7.	2.9	17
58	A cohort study of the effects of serum osteoprotegerin and osteoprotegerin gene polymorphisms on cardiovascular mortality in elderly women. <i>Clinical Endocrinology</i> , 2009, 71, 828-833.	2.4	15
59	Low Vitamin D Status Is Associated With Impaired Bone Quality and Increased Risk of Fracture-Related Hospitalization in Older Australian Women. <i>Journal of Bone and Mineral Research</i> , 2019, 34, 2019-2027.	2.8	15
60	Lower serum 25-hydroxyvitamin D is associated with colorectal and breast cancer, but not overall cancer risk: a 20-year cohort study. <i>Nutrition Research</i> , 2019, 67, 100-107.	2.9	14
61	Abdominal aortic calcification is associated with a higher risk of injurious fall-related hospitalizations in older Australian women. <i>Atherosclerosis</i> , 2021, 328, 153-159.	0.8	13
62	Elevated Circulating Osteoprotegerin and Renal Dysfunction Predict 15-Year Cardiovascular and All-Cause Mortality: A Prospective Study of Elderly Women. <i>PLoS ONE</i> , 2015, 10, e0134266.	2.5	13
63	Association Between High-Sensitivity Cardiac Troponin I and Cardiac Events in Elderly Women. <i>Journal of the American Heart Association</i> , 2017, 6, .	3.7	12
64	Organized Sport Participation From Childhood to Adolescence Is Associated With Bone Mass in Young Adults From the Raine Study. <i>Journal of Bone and Mineral Research</i> , 2019, 34, 67-74.	2.8	12
65	Vegetable diversity in relation with subclinical atherosclerosis and 15-year atherosclerotic vascular disease deaths in older adult women. <i>European Journal of Nutrition</i> , 2020, 59, 217-230.	3.9	12
66	Low 25-Hydroxyvitamin D Concentration Is Not Associated With Refractive Error in Middle-Aged and Older Western Australian Adults. <i>Translational Vision Science and Technology</i> , 2019, 8, 13.	2.2	10
67	Time spent outdoors through childhood and adolescence " assessed by 25-hydroxyvitamin D concentration " and risk of myopia at 20 years. <i>Acta Ophthalmologica</i> , 2021, 99, 679-687.	1.1	10
68	Association between vitamin D status and long-term falls-related hospitalization risk in older women. <i>Journal of the American Geriatrics Society</i> , 2021, 69, 3114-3123.	2.6	10
69	Evidence of harm is unconvincing. <i>BMJ: British Medical Journal</i> , 2011, 342, d3541-d3541.	2.3	9
70	Creatinine to Cystatin C Ratio, a Biomarker of Sarcopenia Measures and Falls Risk in Community-Dwelling Older Women. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2022, 77, 1389-1397.	3.6	9
71	Calcium Intake in Elderly Australian Women Is Inadequate. <i>Nutrients</i> , 2010, 2, 1036-1043.	4.1	8
72	Associations between hypothalamic-pituitary-adrenal axis function and peak bone mass at 20 years of age in a birth cohort. <i>Bone</i> , 2016, 85, 37-44.	2.9	7

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73	Abdominal aortic calcification on lateral spine images captured during bone density testing and late-life dementia risk in older women: A prospective cohort study. The Lancet Regional Health - Western Pacific, 2022, 26, 100502.	2.9	7
74	Modification of diet, exercise and lifestyle (MODEL) study: a randomised controlled trial protocol. BMJ Open, 2020, 10, e036366.	1.9	6
75	DXA-Derived vs Standard Anthropometric Measures for Predicting Cardiometabolic Risk in Middle-Aged Australian Men and Women. Journal of Clinical Densitometry, 2022, 25, 299-307.	1.2	6
76	Response to "calcium supplements and cardiovascular risk". Journal of Bone and Mineral Research, 2011, 26, 900-901.	2.8	5
77	Does vitamin D supplementation improve bone density in vitamin D-deficient children? Protocol for an individual patient data meta-analysis. BMJ Open, 2018, 8, e019584.	1.9	5
78	Abdominal aortic calcification, cardiac troponin I and atherosclerotic vascular disease mortality in older women. Heart, 2022, 108, 1274-1280.	2.9	5
79	Investigating Potential Dose-Response Relationships between Vitamin D Status and Cognitive Performance: A Cross-Sectional Analysis in Middle- to Older-Aged Adults in the Busselton Healthy Ageing Study. International Journal of Environmental Research and Public Health, 2022, 19, 450.	2.6	4
80	Response to "misclassification does not explain increased cardiovascular risks of calcium supplements". Journal of Bone and Mineral Research, 2012, 27, 960-961.	2.8	3
81	Prospective Associations of Sugar-Sweetened Beverage Consumption During Adolescence with Body Composition and Bone Mass at Early Adulthood. Journal of Nutrition, 2022, 152, 399-407.	2.9	3
82	Relationship Between Vitamin D Status From Childhood to Early Adulthood With Body Composition in Young Australian Adults. Journal of the Endocrine Society, 2019, 3, 563-576.	0.2	2
83	Whole-Body Dual-Energy X-Ray Absorptiometry Comes of Age: Bone Structural Measures and Their Physiological Determinants in Anorexia Nervosa. Journal of Clinical Endocrinology and Metabolism, 2008, 93, 1178-1180.	3.6	1
84	Physical activity estimated by osteogenic potential and energy expenditure has differing associations with bone mass in young adults: the raine study. Archives of Osteoporosis, 2022, 17, 67.	2.4	1
85	RESPONSE LETTER TO DRS. KALOOSTIAN AND SHIL. Journal of the American Geriatrics Society, 2011, 59, 771-772.	2.6	0
86	Vitamin D Effects on Bone Structure in Childhood and Aging. , 2011, , 127-134.		0
87	Growth and Bone Mineral Accretion During Puberty in Chinese Girls: A Focus on Calcium Retention and the Role of Calcium. , 2012, , 1611-1619.		0