Kun Zhu

List of Publications by Year
in descending order

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87 papers	5,088 citations	125106 35 h-index	104191 69 g-index
89 all docs	89 docs citations	89 times ranked	8847 citing authors

#	Article	IF	Citations
1	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.	1.3	3
2	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.	0.5	6
3	Investigating Potential Doseâ€“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.	1.2	4
4	Abdominal aortic calcification, cardiac troponin I and atherosclerotic vascular disease mortality in older women. Heart, 2022, 108, 1274-1280.	1.2	5
5	Creatinine to Cystatin C Ratio, a Biomarker of Sarcopenia Measures and Falls Risk in Community-Dwelling Older Women. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2022, 77, 1389-1397.	1.7	9
6	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.	1.0	1
7	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.	1.3	7
8	Time spent outdoors through childhood and adolescence â€“ assessed by 25â€hydroxyvitamin D concentration â€“ and risk of myopia at 20 years. Acta Ophthalmologica, 2021, 99, 679-687.	0.6	10
9	Abdominal aortic calcification is associated with a higher risk of injurious fall-related hospitalizations in older Australian women. Atherosclerosis, 2021, 328, 153-159.	0.4	13
10	Association between vitamin D status and longâ€term fallsâ€related hospitalization risk in older women. Journal of the American Geriatrics Society, 2021, 69, 3114-3123.	1.3	10
11	Vegetable diversity in relation with subclinical atherosclerosis and 15-year atherosclerotic vascular disease deaths in older adult women. European Journal of Nutrition, 2020, 59, 217-230.	1.8	12
12	Modification of diet, exercise and lifestyle (MODEL) study: a randomised controlled trial protocol. BMJ Open, 2020, 10, e036366.	0.8	6
13	Characterisation of genetic regulatory effects for osteoporosis risk variants in human osteoclasts. Genome Biology, 2020, 21, 80.	3.8	36
14	Association Between Abdominal Aortic Calcification, Bone Mineral Density, and Fracture in Older Women. Journal of Bone and Mineral Research, 2019, 34, 2052-2060.	3.1	43
15	Genetic regulatory mechanisms in human osteoclasts suggest a role for the STMP1 and DCSTAMP genes in Pagetâ€™s disease of bone. Scientific Reports, 2019, 9, 1052.	1.6	23
16	Low Vitamin D Status Is Associated With Impaired Bone Quality and Increased Risk of Fracture-Related Hospitalization in Older Australian Women. Journal of Bone and Mineral Research, 2019, 34, 2019-2027.	3.1	15
17	Dietary nitrate intake is associated with muscle function in older women. Journal of Cachexia, Sarcopenia and Muscle, 2019, 10, 601-610.	2.9	25
18	Lower serum 25-hydroxyvitamin D is associated with colorectal and breast cancer, but not overall cancer risk: a 20-year cohort study. Nutrition Research, 2019, 67, 100-107.	1.3	14

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19	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.	0.1	2
20	Low 25-Hydroxyvitamin D Concentration Is Not Associated With Refractive Error in Middle-Aged and Older Western Australian Adults. Translational Vision Science and Technology, 2019, 8, 13.	1.1	10
21	Adding Lateral Spine Imaging for Vertebral Fractures to Densitometric Screening: Improving Ascertainment of Patients at High Risk of Incident Osteoporotic Fractures. Journal of Bone and Mineral Research, 2019, 34, 282-289.	3.1	28
22	Organized Sport Participation From Childhood to Adolescence Is Associated With Bone Mass in Young Adults From the Raine Study. Journal of Bone and Mineral Research, 2019, 34, 67-74.	3.1	12
23	Expression Quantitative Trait Locus Study of Bone Mineral Density GWAS Variants in Human Osteoclasts. Journal of Bone and Mineral Research, 2018, 33, 1044-1051.	3.1	43
24	Cruciferous and Total Vegetable Intakes Are Inversely Associated With Subclinical Atherosclerosis in Older Adult Women. Journal of the American Heart Association, 2018, 7, .	1.6	31
25	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. Journal of Bone and Mineral Research, 2018, 33, 1001-1010.	3.1	45
26	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.	0.8	5
27	Life-Course Genome-wide Association Study Meta-analysis of Total Body BMD and Assessment of Age-Specific Effects. American Journal of Human Genetics, 2018, 102, 88-102.	2.6	252
28	Serum 25â€hydroxyvitamin D as a predictor of mortality and cardiovascular events: A 20â€year study of a communityâ€based cohort. Clinical Endocrinology, 2018, 88, 154-163.	1.2	19
29	Vegetable and fruit intake and injurious falls risk in older women: a prospective cohort study. British Journal of Nutrition, 2018, 120, 925-934.	1.2	27
30	Tracking of vitamin D status from childhood to early adulthood and its association with peak bone mass. American Journal of Clinical Nutrition, 2017, 106, 276-283.	2.2	36
31	Cruciferous and Allium Vegetable Intakes are Inversely Associated With 15â€Year Atherosclerotic Vascular Disease Deaths in Older Adult Women. Journal of the American Heart Association, 2017, 6, .	1.6	41
32	Association Between Highâ€Sensitivity Cardiac Troponin I and Cardiac Events in Elderly Women. Journal of the American Heart Association, 2017, 6, .	1.6	12
33	Vegetable and Fruit Intake and Fracture-Related Hospitalisations: A Prospective Study of Older Women. Nutrients, 2017, 9, 511.	1.7	23
34	Associations between hypothalamicâ€“pituitaryâ€“adrenal axis function and peak bone mass at 20years of age in a birth cohort. Bone, 2016, 85, 37-44.	1.4	7
35	Longitudinal Trajectories of Television Watching Across Childhood and Adolescence Predict Bone Mass at Age 20 Years in the Raine Study. Journal of Bone and Mineral Research, 2016, 31, 2032-2040.	3.1	24
36	Abdominal Aortic Calcification Identified on Lateral Spine Images From Bone Densitometers Are a Marker of Generalized Atherosclerosis in Elderly Women. Arteriosclerosis, Thrombosis, and Vascular Biology, 2016, 36, 166-173.	1.1	49

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37	Lifestyle and Osteoporosis. Current Osteoporosis Reports, 2015, 13, 52-59.	1.5	68
38	Associations between body mass index, lean and fat body mass and bone mineral density in middle-aged Australians: The Busselton Healthy Ageing Study. Bone, 2015, 74, 146-152.	1.4	60
39	Dietary saturated fat intake and atherosclerotic vascular disease mortality in elderly women: a prospective cohort study. American Journal of Clinical Nutrition, 2015, 101, 1263-1268.	2.2	29
40	Two-Year Whey Protein Supplementation Did Not Enhance Muscle Mass and Physical Function in Well-Nourished Healthy Older Postmenopausal Women. Journal of Nutrition, 2015, 145, 2520-2526.	1.3	79
41	Identification of a dietary pattern prospectively associated with bone mass in Australian young adults. American Journal of Clinical Nutrition, 2015, 102, 1035-1043.	2.2	25
42	Vitamin D in Fetal Development: Findings From a Birth Cohort Study. Pediatrics, 2015, 135, e167-e173.	1.0	93
43	Elevated Circulating Osteoprotegerin and Renal Dysfunction Predict 15-Year Cardiovascular and All-Cause Mortality: A Prospective Study of Elderly Women. PLoS ONE, 2015, 10, e0134266.	1.1	13
44	A genome-wide copy number association study of osteoporotic fractures points to the 6p25.1 locus. Journal of Medical Genetics, 2014, 51, 122-131.	1.5	36
45	Elevated Osteoprotegerin Predicts Declining Renal Function in Elderly Women: A 10-Year Prospective Cohort Study. American Journal of Nephrology, 2014, 39, 66-74.	1.4	25
46	Dairy Food Intake, Peripheral Bone Structure, and Muscle Mass in Elderly Ambulatory Women. Journal of Bone and Mineral Research, 2014, 29, 1691-1700.	3.1	50
47	Genetic determinants of heel bone properties: genome-wide association meta-analysis and replication in the GEFOS/GENOMOS consortium. Human Molecular Genetics, 2014, 23, 3054-3068.	1.4	90
48	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 CAIFOS Randomized Controlled Trial. Journal of Bone and Mineral Research, 2014, 29, 534-541.	3.1	33
49	Genome-wide association study for radiographic vertebral fractures: A potential role for the 16q24 BMD locus. Bone, 2014, 59, 20-27.	1.4	32
50	Maternal Vitamin D Status During Pregnancy and Bone Mass in Offspring at 20 Years of Age: A Prospective Cohort Study. Journal of Bone and Mineral Research, 2014, 29, 1088-1095.	3.1	119
51	Long-Term Proton Pump Inhibitor Therapy and Falls and Fractures in Elderly Women: A Prospective Cohort Study. Journal of Bone and Mineral Research, 2014, 29, 2489-2497.	3.1	87
52	Genome-wide association study for radiographic vertebral fractures: a potential role for the 16q24 BMD locus. Bone, 2014, 59, 20-7.	1.4	17
53	Association of Dairy Intake with Body Composition and Physical Function in Older Community-Dwelling Women. Journal of the Academy of Nutrition and Dietetics, 2013, 113, 1669-1674.	0.4	54
54	Long-term effects of a protein-enriched diet on blood pressure in older women. British Journal of Nutrition, 2012, 107, 1664-1672.	1.2	24

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55	Calcium and bone. Clinical Biochemistry, 2012, 45, 936-942.	0.8	120
56	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.	9.4	1,100
57	Assessment of gene-by-sex interaction effect on bone mineral density. Journal of Bone and Mineral Research, 2012, 27, 2051-2064.	3.1	47
58	Estimated glomerular filtration rate as an independent predictor of atherosclerotic vascular disease in older women. BMC Nephrology, 2012, 13, 58.	0.8	31
59	Adverse events from calcium supplementation: Relationship to errors in myocardial infarction self-reporting in randomized controlled trials of calcium supplementation. Journal of Bone and Mineral Research, 2012, 27, 719-722.	3.1	106
60	Response to â€œmisclassification does not explain increased cardiovascular risks of calcium supplementsâ€• Journal of Bone and Mineral Research, 2012, 27, 960-961.	3.1	3
61	Effects of three-monthly oral 150,000 IU cholecalciferol supplementation on falls, mobility, and muscle strength in older postmenopausal women: A randomized controlled trial. Journal of Bone and Mineral Research, 2012, 27, 170-176.	3.1	120
62	Growth and Bone Mineral Accretion During Puberty in Chinese Girls: A Focus on Calcium Retention and the Role of Calcium. , 2012, , 1611-1619.		0
63	Association between yogurt, milk, and cheese consumption and common carotid artery intima-media thickness and cardiovascular disease risk factors in elderly women. American Journal of Clinical Nutrition, 2011, 94, 234-239.	2.2	86
64	RESPONSE LETTER TO DRS. KALOOSTIAN AND SHIL. Journal of the American Geriatrics Society, 2011, 59, 771-772.	1.3	0
65	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. Journal of Bone and Mineral Research, 2011, 26, 35-41.	3.1	176
66	Response to â€œcalcium supplements and cardiovascular riskâ€• Journal of Bone and Mineral Research, 2011, 26, 900-901.	3.1	5
67	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. Journal of Bone and Mineral Research, 2011, 26, 2298-2306.	3.1	81
68	â€œTimed Up and Go Test and Bone Mineral Density Measurement for Fracture Prediction. Archives of Internal Medicine, 2011, 171, 1655.	4.3	58
69	Evidence of harm is unconvincing. BMJ: British Medical Journal, 2011, 342, d3541-d3541.	2.4	9
70	Vitamin D Effects on Bone Structure in Childhood and Aging. , 2011, , 127-134.		0
71	A Randomized Controlled Trial of the Effects of Vitamin D on Muscle Strength and Mobility in Older Women with Vitamin D Insufficiency. Journal of the American Geriatrics Society, 2010, 58, 2063-2068.	1.3	137
72	Calcium Intake in Elderly Australian Women Is Inadequate. Nutrients, 2010, 2, 1036-1043.	1.7	8

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73	The association between dietary protein intake and bone mass accretion in pubertal girls with low calcium intakes. British Journal of Nutrition, 2010, 103, 714-723.	1.2	28
74	A cohort study of the effects of serum osteoprotegerin and osteoprotegerin gene polymorphisms on cardiovascular mortality in elderly women. Clinical Endocrinology, 2009, 71, 828-833.	1.2	15
75	A 5-Year Cohort Study of the Effects of High Protein Intake on Lean Mass and BMC in Elderly Postmenopausal Women. Journal of Bone and Mineral Research, 2009, 24, 1827-1834.	3.1	103
76	Low Vitamin D Status Has an Adverse Influence on Bone Mass, Bone Turnover, and Muscle Strength in Chinese Adolescent Girls. Journal of Nutrition, 2009, 139, 1002-1007.	1.3	138
77	Growth and Bone Mineral Accretion During Puberty in Chinese Girls: A Five-Year Longitudinal Study. Journal of Bone and Mineral Research, 2008, 23, 167-172.	3.1	37
78	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. Journal of Bone and Mineral Research, 2008, 23, 1343-1348.	3.1	82
79	Effects of Ergocalciferol Added to Calcium on the Risk of Falls in Elderly High-Risk Women. Archives of Internal Medicine, 2008, 168, 103.	4.3	186
80	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.	1.8	1
81	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. Journal of Clinical Endocrinology and Metabolism, 2008, 93, 743-749.	1.8	107
82	Influence of body composition, muscle strength, diet and physical activity on total body and forearm bone mass in Chinese adolescent girls. British Journal of Nutrition, 2007, 98, 1281-1287.	1.2	52
83	Growth, bone mass, and vitamin D status of Chinese adolescent girls 3 y after withdrawal of milk supplementation. American Journal of Clinical Nutrition, 2006, 83, 714-721.	2.2	68
84	Effects of school milk intervention on cortical bone accretion and indicators relevant to bone metabolism in Chinese girls aged 10â€“12 y in Beijing. American Journal of Clinical Nutrition, 2005, 81, 1168-1175.	2.2	73
85	Effects of school-milk intervention on growth and bone mineral accretion in Chinese girls aged 10â€“12 years: accounting for cluster randomisation. British Journal of Nutrition, 2005, 94, 1038-1039.	1.2	24
86	School-milk intervention trial enhances growth and bone mineral accretion in Chinese girls aged 10â€“12 years in Beijing. British Journal of Nutrition, 2004, 92, 159-168.	1.2	217
87	Bone mass in Chinese premenarcheal girls: the roles of body composition, calcium intake and physical activity. British Journal of Nutrition, 2004, 92, 985-993.	1.2	24