

Sulin Cheng

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.

87
papers

2,862
citations

30
h-index

51
g-index

98
ext. papers

3,350
ext. citations

5.3
avg, IF

4.67
L-index

#	Paper	IF	Citations
87	Tartrate-resistant acid phosphatase 5b: a novel serum marker of bone resorption. <i>Journal of Bone and Mineral Research</i> , 2000 , 15, 1337-45	6.3	301
86	Association of low 25-hydroxyvitamin D concentrations with elevated parathyroid hormone concentrations and low cortical bone density in early pubertal and prepubertal Finnish girls. <i>American Journal of Clinical Nutrition</i> , 2003 , 78, 485-92	7	216
85	Effects of calcium, dairy product, and vitamin D supplementation on bone mass accrual and body composition in 10-12-y-old girls: a 2-y randomized trial. <i>American Journal of Clinical Nutrition</i> , 2005 , 82, 1115-26; quiz 1147-8	7	167
84	Assessing body composition with DXA and bioimpedance: effects of obesity, physical activity, and age. <i>Obesity</i> , 2008 , 16, 700-5	8	166
83	Long-term leisure-time physical activity and serum metabolome. <i>Circulation</i> , 2013 , 127, 340-8	16.7	136
82	Change in bone mass distribution induced by hormone replacement therapy and high-impact physical exercise in post-menopausal women. <i>Bone</i> , 2002 , 31, 126-35	4.7	81
81	Bidirectional Influence of the COVID-19 Pandemic Lockdowns on Health Behaviors and Quality of Life among Chinese Adults. <i>International Journal of Environmental Research and Public Health</i> , 2020 , 17,	4.6	71
80	Bone and muscle development during puberty in girls: a seven-year longitudinal study. <i>Journal of Bone and Mineral Research</i> , 2009 , 24, 1693-8	6.3	69
79	Women with and without metabolic disorder differ in their gut microbiota composition. <i>Obesity</i> , 2012 , 20, 1082-7	8	65
78	Body composition in 18- to 88-year-old adults--comparison of multifrequency bioimpedance and dual-energy X-ray absorptiometry. <i>Obesity</i> , 2014 , 22, 101-9	8	64
77	Trait-specific tracking and determinants of body composition: a 7-year follow-up study of pubertal growth in girls. <i>BMC Medicine</i> , 2009 , 7, 5	11.4	63
76	Calcaneal bone mineral density predicts fracture occurrence: a five-year follow-up study in elderly people. <i>Journal of Bone and Mineral Research</i> , 1997 , 12, 1075-82	6.3	58
75	Growth patterns at distal radius and tibial shaft in pubertal girls: a 2-year longitudinal study. <i>Journal of Bone and Mineral Research</i> , 2005 , 20, 954-61	6.3	56
74	Serum metabolic profiles in overweight and obese women with and without metabolic syndrome. <i>Diabetology and Metabolic Syndrome</i> , 2014 , 6, 40	5.6	53
73	Lactation is associated with greater maternal bone size and bone strength later in life. <i>Osteoporosis International</i> , 2012 , 23, 1939-45	5.3	52
72	Differential effects of sex hormones on peri- and endocortical bone surfaces in pubertal girls. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2006 , 91, 277-82	5.6	51
71	Adipose Tissue Dysfunction and Altered Systemic Amino Acid Metabolism Are Associated with Non-Alcoholic Fatty Liver Disease. <i>PLoS ONE</i> , 2015 , 10, e0138889	3.7	48

70	Associations of disordered sleep with body fat distribution, physical activity and diet among overweight middle-aged men. <i>Journal of Sleep Research</i> , 2015 , 24, 414-24	5.8	44
69	Toll-like receptor 5 in obesity: the role of gut microbiota and adipose tissue inflammation. <i>Obesity</i> , 2015 , 23, 581-90	8	43
68	Bone's structural diversity in adult females is established before puberty. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2009 , 94, 1555-61	5.6	41
67	Effect of aerobic exercise and diet on liver fat in pre-diabetic patients with non-alcoholic-fatty-liver-disease: A randomized controlled trial. <i>Scientific Reports</i> , 2017 , 7, 15952	4.9	40
66	High-intensity interval training in the therapy and aftercare of cancer patients: a systematic review with meta-analysis. <i>Journal of Cancer Survivorship</i> , 2019 , 13, 205-223	5.1	39
65	Insulin resistance is associated with altered amino acid metabolism and adipose tissue dysfunction in normoglycemic women. <i>Scientific Reports</i> , 2016 , 6, 24540	4.9	39
64	Influence of physical activity and maturation status on bone mass and geometry in early pubertal girls. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2005 , 15, 100-6	4.6	39
63	The Association between Cardiorespiratory Fitness and Gut Microbiota Composition in Premenopausal Women. <i>Nutrients</i> , 2017 , 9,	6.7	38
62	Serum osteocalcin is not associated with glucose but is inversely associated with leptin across generations of nondiabetic women. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2012 , 97, 4106-14	5.6	38
61	Gut-adipose tissue axis in hepatic fat accumulation in humans. <i>Journal of Hepatology</i> , 2014 , 61, 132-8	13.4	36
60	Prolonged breast-feeding protects mothers from later-life obesity and related cardio-metabolic disorders. <i>Public Health Nutrition</i> , 2012 , 15, 67-74	3.3	35
59	Low volumetric BMD is linked to upper-limb fracture in pubertal girls and persists into adulthood: a seven-year cohort study. <i>Bone</i> , 2009 , 45, 480-6	4.7	33
58	Normal-weight obesity and cardiometabolic risk: A 7-year longitudinal study in girls from prepuberty to early adulthood. <i>Obesity</i> , 2017 , 25, 1077-1082	8	30
57	Concerted actions of insulin-like growth factor 1, testosterone, and estradiol on peripubertal bone growth: a 7-year longitudinal study. <i>Journal of Bone and Mineral Research</i> , 2011 , 26, 2204-11	6.3	30
56	Bone density of the calcaneus and fractures in 75- and 80-year-old men and women. <i>Osteoporosis International</i> , 1994 , 4, 48-54	5.3	29
55	Food consumption and nutrient intakes with a special focus on milk product consumption in early pubertal girls in Central Finland. <i>Public Health Nutrition</i> , 2005 , 8, 284-9	3.3	25
54	Effect of aerobic exercise and low carbohydrate diet on pre-diabetic non-alcoholic fatty liver disease in postmenopausal women and middle aged men--the role of gut microbiota composition: study protocol for the AELC randomized controlled trial. <i>BMC Public Health</i> , 2014 , 14, 48	4.1	24
53	Normal-weight obesity and physical fitness in Chinese university students: an overlooked association. <i>BMC Public Health</i> , 2018 , 18, 1334	4.1	24

52	Monitoring bone growth using quantitative ultrasound in comparison with DXA and pQCT. <i>Journal of Clinical Densitometry</i> , 2008 , 11, 295-301	3.5	22
51	Estimation of structural and geometrical properties of cortical bone by computerized tomography in 78-year-old women. <i>Journal of Bone and Mineral Research</i> , 1995 , 10, 139-48	6.3	21
50	Serum osteocalcin in relation to calcaneal bone mineral density in elderly men and women: a 5-year follow-up. <i>Journal of Bone and Mineral Metabolism</i> , 2002 , 20, 49-56	2.9	21
49	Effects of aerobic exercise on home-based sleep among overweight and obese men with chronic insomnia symptoms: a randomized controlled trial. <i>Sleep Medicine</i> , 2016 , 25, 113-121	4.6	21
48	Seasonal variation of red blood cell variables in physically inactive men: effects of strength training. <i>International Journal of Sports Medicine</i> , 2008 , 29, 564-8	3.6	20
47	Muscle and serum metabolomes are dysregulated in colon-26 tumor-bearing mice despite amelioration of cachexia with activin receptor type 2B ligand blockade. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2019 , 316, E852-E865	6	19
46	Long-term leisure-time physical activity has a positive effect on bone mass gain in girls. <i>Journal of Bone and Mineral Research</i> , 2010 , 25, 1034-41	6.3	17
45	Fat mass accumulation compromises bone adaptation to load in Finnish women: a cross-sectional study spanning three generations. <i>Journal of Bone and Mineral Research</i> , 2010 , 25, 2341-9	6.3	17
44	Age-related decline in skeletal muscle mass and function among elderly men and women in Shanghai, China: a cross sectional study. <i>Asia Pacific Journal of Clinical Nutrition</i> , 2016 , 25, 326-32	1	17
43	Effect of Six-Month Diet Intervention on Sleep among Overweight and Obese Men with Chronic Insomnia Symptoms: A Randomized Controlled Trial. <i>Nutrients</i> , 2016 , 8,	6.7	17
42	Comparison of vertebral bone marrow fat assessed by 1H MRS and inphase and out-of-phase MRI among family members. <i>Osteoporosis International</i> , 2014 , 25, 653-62	5.3	16
41	Bone and body segment lengthening and widening: a 7-year follow-up study in pubertal girls. <i>Bone</i> , 2010 , 47, 773-82	4.7	16
40	Foot strike pattern, step rate, and trunk posture combined gait modifications to reduce impact loading during running. <i>Journal of Biomechanics</i> , 2019 , 86, 102-109	2.9	16
39	Serum Amino Acid Profiles in Childhood Predict Triglyceride Level in Adulthood: A 7-Year Longitudinal Study in Girls. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2016 , 101, 2047-55	5.6	15
38	Metabolic response to 6-week aerobic exercise training and dieting in previously sedentary overweight and obese pre-menopausal women: A randomized trial. <i>Journal of Sport and Health Science</i> , 2014 , 3, 217-224	8.2	15
37	Supervised Physical Training Enhances Muscle Strength but Not Muscle Mass in Prostate Cancer Patients Undergoing Androgen Deprivation Therapy: A Systematic Review and Meta-Analysis. <i>Frontiers in Physiology</i> , 2019 , 10, 843	4.6	14
36	Effects of exercise and diet interventions on obesity-related sleep disorders in men: study protocol for a randomized controlled trial. <i>Trials</i> , 2013 , 14, 235	2.8	14
35	OGT and OGA expression in postmenopausal skeletal muscle associates with hormone replacement therapy and muscle cross-sectional area. <i>Experimental Gerontology</i> , 2013 , 48, 1501-4	4.5	14

34	Does systemic low-grade inflammation associate with fat accumulation and distribution? A 7-year follow-up study with peripubertal girls. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2014 , 99, 1411-9	5.6	13
33	The associations of serum serotonin with bone traits are age- and gender-specific. <i>PLoS ONE</i> , 2014 , 9, e109028	3.7	13
32	Growth and aging of proximal femoral bone: a study with women spanning three generations. <i>Journal of Bone and Mineral Research</i> , 2015 , 30, 528-34	6.3	12
31	Familial resemblance and diversity in bone mass and strength in the population are established during the first year of postnatal life. <i>Journal of Bone and Mineral Research</i> , 2010 , 25, 1512-20	6.3	12
30	The effects of muscle mass and muscle quality on cardio-metabolic risk in peripubertal girls: a longitudinal study from childhood to early adulthood. <i>International Journal of Obesity</i> , 2018 , 42, 648-654	5.5	11
29	BMI and an anthropometry-based estimate of fat mass percentage are both valid discriminators of cardiometabolic risk: a comparison with DXA and bioimpedance. <i>Journal of Obesity</i> , 2013 , 2013, 862514	3.7	11
28	Effect of long-term leisure time physical activity on lean mass and fat mass in girls during adolescence. <i>Journal of Applied Physiology</i> , 2011 , 110, 1211-8	3.7	11
27	Adipocytes as a Link Between Gut Microbiota-Derived Flagellin and Hepatocyte Fat Accumulation. <i>PLoS ONE</i> , 2016 , 11, e0152786	3.7	11
26	Branched-Chain and Aromatic Amino Acids Are Associated With Insulin Resistance During Pubertal Development in Girls. <i>Journal of Adolescent Health</i> , 2019 , 65, 337-343	5.8	10
25	Effects of resistance training on biomarkers of bone formation and association with red blood cell variables. <i>Journal of Physiology and Biochemistry</i> , 2011 , 67, 351-8	5	9
24	Differences in estimates of change of bone accrual and body composition in children because of scan mode selection with the prodigy densitometer. <i>Journal of Clinical Densitometry</i> , 2005 , 8, 65-73	3.5	9
23	Serum and urine markers of type I collagen metabolism in elderly women with high and low bone mineral density. <i>European Journal of Clinical Investigation</i> , 1996 , 26, 186-91	4.6	9
22	Effect of aerobic exercise on insulin resistance and central adiposity disappeared after the discontinuation of intervention in overweight women. <i>Journal of Sport and Health Science</i> , 2016 , 5, 166-170	8.2	9
21	Does hysterectomy with ovarian conservation affect bone metabolism and density?. <i>Journal of Bone and Mineral Metabolism</i> , 2003 , 21, 12-6	2.9	8
20	Timing of Exercise Affects Glycemic Control in Type 2 Diabetes Patients Treated with Metformin. <i>Journal of Diabetes Research</i> , 2018 , 2018, 2483273	3.9	8
19	Cannabinoid receptor 1 and acute resistance exercise--In vivo and in vitro studies in human skeletal muscle. <i>Peptides</i> , 2015 , 67, 55-63	3.8	6
18	Is bone loss the reversal of bone accrual? Evidence from a cross-sectional study in daughter-mother-grandmother trios. <i>Journal of Bone and Mineral Research</i> , 2011 , 26, 934-40	6.3	6
17	Activity of thigh muscles during static and dynamic stances in stroke patients: a pilot case-control study. <i>Topics in Stroke Rehabilitation</i> , 2014 , 21, 163-72	2.6	5

16	Does sex hormone-binding globulin cause insulin resistance during pubertal growth?. <i>Endocrine Connections</i> , 2019 , 8, 510-517	3.5	5
15	The Effect of a Ketogenic Low-Carbohydrate, High-Fat Diet on Aerobic Capacity and Exercise Performance in Endurance Athletes: A Systematic Review and Meta-Analysis. <i>Nutrients</i> , 2021 , 13,	6.7	4
14	Effects of exercise and dietary interventions on serum metabolites in men with insomnia symptoms: A 6-month randomized controlled trial. <i>Sports Medicine and Health Science</i> , 2020 , 2, 95-101	4.5	3
13	Exercise in type 2 diabetes: The mechanisms of resistance and endurance training. <i>Journal of Sport and Health Science</i> , 2012 , 1, 65-66	8.2	3
12	Does serum 25-hydroxyvitamin D influence muscle development during puberty in girls? A 7-year longitudinal study. <i>PLoS ONE</i> , 2013 , 8, e82124	3.7	2
11	A randomized controlled trial for response of microbiome network to exercise and diet intervention in patients with nonalcoholic fatty liver disease.. <i>Nature Communications</i> , 2022 , 13, 2555	17.4	2
10	Association of leisure time physical activity and NMR-detected circulating amino acids in peripubertal girls: A 7.5-year longitudinal study. <i>Scientific Reports</i> , 2017 , 7, 14026	4.9	1
9	Towards early risk biomarkers: serum metabolic signature in childhood predicts cardio-metabolic risk in adulthood. <i>EBioMedicine</i> , 2021 , 72, 103611	8.8	1
8	Is Structured Exercise Performed with Supplemental Oxygen a Promising Method of Personalized Medicine in the Therapy of Chronic Diseases?. <i>Journal of Personalized Medicine</i> , 2020 , 10,	3.6	1
7	Effect of Chronic Exercise Training on Blood Lactate Metabolism Among Patients With Type 2 Diabetes Mellitus: A Systematic Review and Meta-Analysis. <i>Frontiers in Physiology</i> , 2021 , 12, 652023	4.6	1
6	The Impact of Nordic Walking on Bone Properties in Postmenopausal Women with Pre-Diabetes and Non-Alcohol Fatty Liver Disease. <i>International Journal of Environmental Research and Public Health</i> , 2021 , 18,	4.6	1
5	Association between RAGE gene polymorphisms and ulcerative colitis susceptibility: a case-control study in a Chinese Han population. <i>Genetics and Molecular Research</i> , 2015 , 14, 19242-8	1.2	0
4	Interactive effects of aging and aerobic capacity on energy metabolism-related metabolites of serum, skeletal muscle, and white adipose tissue. <i>GeroScience</i> , 2021 , 43, 2679-2691	8.9	0
3	Differences in cardiometabolic risk profiles between Chinese and Finnish older adults with glucose impairment and central obesity.. <i>Journal of Endocrinological Investigation</i> , 2022 , 1	5.2	0
2	Lactation, bone strength and reduced risk of bone fractures: reply to comment by Cure-Cure et al. <i>Osteoporosis International</i> , 2013 , 24, 1521	5.3	
1	Self-selected running gait modifications reduce acute impact loading, awkwardness, and effort. <i>Sports Biomechanics</i> , 2021 , 1-14	2.2	