Zhao Chen

List of Publications by Year
in descending order

40 papers	1,793 citations	394421 19 h-index	330143 37 g-index
42 all docs	42 docs citations	42 times ranked	3696 citing authors

#	Article	IF	Citations
1	Genome-wide association study of habitual physical activity in over 377,000 UK Biobank participants identifies multiple variants including CADM2 and APOE. International Journal of Obesity, 2018, 42, 1161-1176.	3.4	249
2	Fracture Risk Among Breast Cancer Survivors. Archives of Internal Medicine, 2005, 165, 552.	3.8	233
3	Least absolute shrinkage and selection operator type methods for the identification of serum biomarkers of overweight and obesity: simulation and application. BMC Medical Research Methodology, 2016, 16, 154.	3.1	151
4	Dual-Energy X-Ray Absorptiometry Is a Valid Tool for Assessing Skeletal Muscle Mass in Older Women ,. Journal of Nutrition, 2007, 137, 2775-2780.	2.9	147
5	Large meta-analysis of genome-wide association studies identifies five loci for lean body mass. Nature Communications, 2017, 8, 80.	12.8	147
6	Osteoporosis and rate of bone loss among postmenopausal survivors of breast cancer. Cancer, 2005, 104, 1520-1530.	4.1	99
7	Low bone density and high percentage of body fat among men who were treated with androgen deprivation therapy for prostate carcinoma. Cancer, 2002, 95, 2136-2144.	4.1	96
8	Postmenopausal weight change and incidence of fracture: post hoc findings from Women's Health Initiative Observational Study and Clinical Trials. BMJ, The, 2015, 350, h25-h25.	6.0	77
9	Postmenopausal hormone therapy and body compositionâ€"a substudy of the estrogen plus progestin trial of the Womenâ€™s Health Initiative. American Journal of Clinical Nutrition, 2005, 82, 651-656.	4.7	63
10	Genome-wide association analysis of red blood cell traits in African Americans: the COGENT Network. Human Molecular Genetics, 2013, 22, 2529-2538.	2.9	57
11	Genome-wide Trans-ethnic Meta-analysis Identifies Seven Genetic Loci Influencing Erythrocyte Traits and a Role for RBPMS in Erythropoiesis. American Journal of Human Genetics, 2017, 100, 51-63.	6.2	45
12	The Relationship Between Incidence of Fractures and Anemia in Older Multiethnic Women. Journal of the American Geriatrics Society, 2010, 58, 2337-2344.	2.6	42
13	Association Between Sarcopenic Obesity and Falls in a Multiethnic Cohort of Postmenopausal Women. Journal of the American Geriatrics Society, 2018, 66, 2314-2320.	2.6	42
14	Association of Physical Activity and Fracture Risk Among Postmenopausal Women. JAMA Network Open, 2019, 2, e1914084.	5.9	40
15	Disentangling the genetics of lean mass. American Journal of Clinical Nutrition, 2019, 109, 276-287.	4.7	38
16	Stronger bone correlates with African admixture in African-American women. Journal of Bone and Mineral Research, 2011, 26, 2307-2316.	2.8	28
17	Body Mass Index, Waist Circumference, and Mortality in a Large Multiethnic Postmenopausal Cohortâ€"Results from the Women's Health Initiative. Journal of the American Geriatrics Society, 2017, 65, 1907-1915.	2.6	26
18	Osteosarcopenic obesity and its relationship with dyslipidemia in women from different ethnic groups of China. Archives of Osteoporosis, 2018, 13, 65.	2.4	23

#	Article	IF	Citations
19	Hormone Therapy Improves Femur Geometry Among Ethnically Diverse Postmenopausal Participants in the Women's Health Initiative Hormone Intervention Trials. Journal of Bone and Mineral Research, 2008, 23, 1935-1945.	2.8	22
20	Gender-Related Differences in Outcomes on Acupuncture and Moxibustion Treatment Among Depression Patients. Journal of Alternative and Complementary Medicine, 2015, 21, 673-680.	2.1	20
21	Soluble N-ethylmaleimide-sensitive Factor Attachment Receptor (SNARE) Protein Involved in the Remission of Depression by Acupuncture in Rats. JAMS Journal of Acupuncture and Meridian Studies, 2016, 9, 242-249.	0.7	15
22	Design of the Arizona CoVHORT: A Population-Based COVID-19 Cohort. Frontiers in Public Health, 2021, 9, 620060.	2.7	15
23	Reinventing Neuroaging Research in the Digital Age. Trends in Neurosciences, 2020, 43, 17-23.	8.6	14
24	Optimal SVM parameter selection for non-separable and unbalanced datasets. Structural and Multidisciplinary Optimization, 2014, 50, 523-535.	3.5	12
25	Chest circumference and sitting height among children and adolescents from Lhasa, tibet compared to other high altitude populations. American Journal of Human Biology, 2016, 28, 197-202.	1.6	12
26	Body composition and physical function in the Women's Health Initiative Observational Study. Preventive Medicine Reports, 2018, 11, 15-22.	1.8	11
27	Fusion of clinical and stochastic finite element data for hip fracture risk prediction. Journal of Biomechanics, 2015, 48, 4043-4052.	2.1	10
28	The relationship between osteoporosis and body composition in pre- and postmenopausal women from different ethnic groups in China. Ethnicity and Health, 2017, 22, 295-310.	2.5	9
29	Psychosocial stress and bone loss among postmenopausal women: results from the Women's Health Initiative. Journal of Epidemiology and Community Health, 2019, 73, 888-892.	3.7	9
30	Comparison of wearable sensor to traditional methods in functional outcome measures: A systematic review. Journal of Orthopaedic Research, 2021, 39, 2093-2102.	2.3	8
31	Associations between ACE-Inhibitors, Angiotensin Receptor Blockers, and Lean Body Mass in Community Dwelling Older Women. Journal of Aging Research, 2018, 2018, 1-8.	0.9	7
32	MRI Based Validation of Abdominal Adipose Tissue Measurements From DXA in Postmenopausal Women. Journal of Clinical Densitometry, 2022, 25, 189-197.	1.2	7
33	Physical Functioning Among Women Aged 80 Years and Older With Previous Fracture. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2016, 71, S31-S41.	3.6	4
34	Elucidating symptoms of COVID-19 illness in the Arizona CoVHORT: a longitudinal cohort study. BMJ Open, 2022, 12, e053403.	1.9	3
35	Association of Vitamin D with Incident Glaucoma: Findings from the Women's Health Initiative. Journal of Investigative Medicine, 2021, 69, 843-850.	1.6	2
36	The intersectional role of social stress in fracture risk: results from the Women's Health Initiative. Journal of Epidemiology and Community Health, 2021, 75, 1208-1214.	3.7	2

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37	Stronger bone correlates with African admixture in African-American women. , 2011, 26, 2307.		1
38	In response to: â€˜Information bias in measures of self-reported physical activityâ€™. International Journal of Obesity, 2018, 42, 2064-2065.	3.4	0
39	Reply to Effects of Hormone Replacement Therapy on Sarcopenia: Is It Real?. Journal of the American Geriatrics Society, 2019, 67, 1298-1299.	2.6	0
40	Magnesium intake is associated with greater bone mineral density but not protective against fractures in the Women's Health Initiative Observational Study (WHIâ€OS). FASEB Journal, 2013, 27, 622.21.	0.5	0