

# Katherine Brooke-Wavell

## List of Publications by Year in descending order

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Version: 2024-02-01

58  
papers

1,617  
citations

257450

24  
h-index

302126

39  
g-index

59  
all docs

59  
docs citations

59  
times ranked

1841  
citing authors

#	ARTICLE	IF	CITATIONS
1	Exercise Decreases Plasma Total Homocysteine in Overweight Young Women with Polycystic Ovary Syndrome. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2002, 87, 4496-4501.	3.6	169
2	Optimum frequency of exercise for bone health: Randomised controlled trial of a high-impact unilateral intervention. <i>Bone</i> , 2010, 46, 1043-1049.	2.9	105
3	High impact exercise increased femoral neck bone mineral density in older men: A randomised unilateral intervention. <i>Bone</i> , 2013, 53, 321-328.	2.9	90
4	The Influence of High-Impact Exercise on Cortical and Trabecular Bone Mineral Content and 3D Distribution Across the Proximal Femur in Older Men: A Randomized Controlled Unilateral Intervention. <i>Journal of Bone and Mineral Research</i> , 2015, 30, 1709-1716.	2.8	85
5	Brisk Walking Reduces Calcaneal Bone Loss in Post-Menopausal Women. <i>Clinical Science</i> , 1997, 92, 75-80.	4.3	72
6	Use of the Compulsive Exercise Test With Athletes: Norms and Links With Eating Psychopathology. <i>Journal of Applied Sport Psychology</i> , 2014, 26, 287-301.	2.3	70
7	Influence of the Visual Environment on the Postural Stability in Healthy Older Women. <i>Gerontology</i> , 2002, 48, 293-297.	2.8	69
8	Commencing, Continuing and Stopping Brisk Walking: Effects on Bone Mineral Density, Quantitative Ultrasound of Bone and Markers of Bone Metabolism in Postmenopausal Women. <i>Osteoporosis International</i> , 2001, 12, 581-587.	3.1	56
9	Risk factors for stress fracture in female endurance athletes: a cross-sectional study. <i>BMJ Open</i> , 2012, 2, e001920.	1.9	56
10	Exercise for optimising peak bone mass in women. <i>Proceedings of the Nutrition Society</i> , 2008, 67, 9-18.	1.0	54
11	Ultrasound and dual X-ray absorptiometry measurement of the calcaneus: Influence of region of interest location. <i>Calcified Tissue International</i> , 1995, 57, 20-24.	3.1	52
12	Reliability and repeatability of 3-D body scanner (LASS) measurements compared to anthropometry. <i>Annals of Human Biology</i> , 1994, 21, 571-577.	1.0	45
13	Exercise and body image distress in overweight and obese women with polycystic ovary syndrome: A pilot investigation. <i>Gynecological Endocrinology</i> , 2008, 24, 555-561.	1.7	35
14	Strong, steady and straight: UK consensus statement on physical activity and exercise for osteoporosis. <i>British Journal of Sports Medicine</i> , 2022, 56, 837-846.	6.7	35
15	Effects of physical activity and menopausal hormone replacement therapy on postural stability in postmenopausal women – a cross-sectional study. <i>Maturitas</i> , 2001, 37, 167-172.	2.4	34
16	Effects of vertical and side-alternating vibration training on fall risk factors and bone turnover in older people at risk of falls. <i>Age and Ageing</i> , 2015, 44, 115-122.	1.6	34
17	Randomised controlled trial of the effectiveness of community group and home-based falls prevention exercise programmes on bone health in older people: the ProAct65+ bone study. <i>Age and Ageing</i> , 2015, 44, 573-579.	1.6	32
18	Importance of vitamin D, calcium and exercise to bone health with specific reference to children and adolescents. <i>Nutrition Bulletin</i> , 2007, 32, 364-377.	1.8	31

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19	Measurement precision of body composition variables in elite wheelchair athletes, using dual-energy X-ray absorptiometry. <i>European Journal of Sport Science</i> , 2016, 16, 65-71.	2.7	31
20	Does Vitamin D Receptor Polymorphism Influence the Response of Bone to Brisk Walking in Postmenopausal Women?. <i>Hormone Research</i> , 1998, 50, 315-319.	1.8	27
21	Brisk Walking and Postural Stability: A Cross-Sectional Study in Postmenopausal Women. <i>Gerontology</i> , 1998, 44, 288-292.	2.8	27
22	Risks and benefits of whole body vibration training in older people. <i>Age and Ageing</i> , 2008, 38, 254-255.	1.6	27
23	Multiple joint muscle function with ageing: the force-velocity and power-velocity relationships in young and older men. <i>Aging Clinical and Experimental Research</i> , 2013, 25, 159-166.	2.9	26
24	Dual-Energy X-Ray Absorptiometry, Skinfold Thickness, and Waist Circumference for Assessing Body Composition in Ambulant and Non-Ambulant Wheelchair Games Players. <i>Frontiers in Physiology</i> , 2015, 6, 356.	2.8	25
25	High-Impact Exercise Increased Femoral Neck Bone Density With No Adverse Effects on Imaging Markers of Knee Osteoarthritis in Postmenopausal Women. <i>Journal of Bone and Mineral Research</i> , 2020, 35, 53-63.	2.8	25
26	Bone Geometry According to Menstrual Function in Female Endurance Athletes. <i>Calcified Tissue International</i> , 2013, 92, 444-450.	3.1	24
27	The influence of a 1-year programme of brisk walking on endurance fitness and body composition in previously sedentary men aged 42-59 years. <i>European Journal of Applied Physiology and Occupational Physiology</i> , 1994, 68, 531-537.	1.2	23
28	Incidence and prevalence of lumbar stress fracture in English County Cricket fast bowlers, association with bowling workload and seasonal variation. <i>BMJ Open Sport and Exercise Medicine</i> , 2019, 5, e000529.	2.9	23
29	Effects of Low Energy Availability on Bone Health in Endurance Athletes and High-Impact Exercise as A Potential Countermeasure: A Narrative Review. <i>Sports Medicine</i> , 2021, 51, 391-403.	6.5	23
30	Ultrasound Measures of Bone and the Diurnal Free Cortisol Cycle: A Positive Association with the Awakening Cortisol Response in Healthy Premenopausal Women. <i>Calcified Tissue International</i> , 2002, 70, 463-468.	3.1	19
31	Characterising variability and regional correlations of microstructure and mechanical competence of human tibial trabecular bone: An in-vivo HR-pQCT study. <i>Bone</i> , 2019, 121, 139-148.	2.9	19
32	&lt;p&gt;Physical activity and sedentary behavior in women with rheumatoid arthritis: a comparison of patients with low and high disease activity and healthy controls&lt;p&gt;. <i>Open Access Rheumatology: Research and Reviews</i> , 2019, Volume 11, 133-142.	1.6	16
33	Cricket Fast Bowling Technique and Lumbar Bone Stress Injury. <i>Medicine and Science in Sports and Exercise</i> , 2021, 53, 581-589.	0.4	16
34	Four decades of socio-economic inequality and secular change in the physical growth of Guatemalans. <i>Public Health Nutrition</i> , 2020, 23, 1381-1391.	2.2	15
35	What do older people know about safety on stairs?. <i>Ageing and Society</i> , 2001, 21, 759-776.	1.7	14
36	Assessment of body composition in spinal cord injury: A scoping review. <i>PLoS ONE</i> , 2021, 16, e0251142.	2.5	13

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37	Lower calcaneal bone mineral density and broadband ultrasonic attenuation, but not speed of sound, in South Asian than white European women. <i>Annals of Human Biology</i> , 2008, 35, 386-393.	1.0	12
38	Lumbar bone mineral asymmetry in elite cricket fast bowlers. <i>Bone</i> , 2019, 127, 537-543.	2.9	12
39	Association of body composition and muscle function with hip geometry and BMD in premenopausal women. <i>Annals of Human Biology</i> , 2010, 37, 524-535.	1.0	11
40	Incidence of bone stress injury is greater in competitive female distance runners with menstrual disturbances independent of participation in plyometric training. <i>Journal of Sports Sciences</i> , 2021, 39, 2558-2566.	2.0	11
41	Fall Risk Factors in Older Female Lawn Bowls Players and Controls. <i>Journal of Aging and Physical Activity</i> , 2008, 17, 123-130.	1.0	10
42	High and odd impact exercise training improved physical function and fall risk factors in community-dwelling older men. <i>Journal of Musculoskeletal Neuronal Interactions</i> , 2018, 18, 100-107.	0.1	7
43	Lumbar bone stress injuries and risk factors in adolescent cricket fast bowlers. <i>Journal of Sports Sciences</i> , 2022, 40, 1336-1342.	2.0	7
44	The influence of physical activity on the response of bone mineral density to 5 years tibolone. <i>Maturitas</i> , 2000, 35, 229-235.	2.4	6
45	Fast and ballistic contractions involve greater neuromuscular power production in older adults during resistance exercise. <i>European Journal of Applied Physiology</i> , 2022, 122, 1639-1655.	2.5	6
46	Daily exercise is most effective for increasing hip bone mineral density: A randomized high-impact, unilateral intervention. <i>Bone</i> , 2009, 44, S100-S101.	2.9	3
47	Instability in longitudinal childhood IQ scores of Guatemalan high SES individuals born between 1941-1953. <i>PLoS ONE</i> , 2019, 14, e0215828.	2.5	3
48	Diet and body composition of female recreational runners of differing menstrual status. <i>Journal of Sports Sciences</i> , 1998, 16, 629-637.	2.0	2
49	Life course associations of height, weight, fatness, grip strength, and all-cause mortality for high socioeconomic status Guatemalans. <i>American Journal of Human Biology</i> , 2019, 31, e23253.	1.6	2
50	Tracking Within-Athlete Changes in Whole-Body Fat Percentage in Wheelchair Athletes. <i>International Journal of Sports Physiology and Performance</i> , 2021, 16, 13-18.	2.3	2
51	Lumbar Bone Mineral Adaptation: The Effect of Fast Bowling Technique in Adolescent Cricketers. <i>Medicine and Science in Sports and Exercise</i> , 2022, 54, 438-446.	0.4	2
52	Letter to the Editor: On epidemiology of fractures and variation with age and ethnicity. <i>Bone</i> , 2016, 93, 232.	2.9	1
53	The prevalence of sarcopenia in fallers and those at risk of falls in a secondary care falls unit as measured by bioimpedance analysis. <i>Journal of Frailty, Sarcopenia and Falls</i> , 2018, 03, 128-131.	1.2	1
54	Bone health and asymmetry in elite female cricketers. <i>European Journal of Sport Science</i> , 2023, 23, 667-675.	2.7	1

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55	Bone Geometry and Bone Density in Athletes and Sedentary Controls According to Menstrual Function.. <i>Medicine and Science in Sports and Exercise</i> , 2010, 42, 104.	0.4	0
56	Daily Exercise is Most Effective for Increasing Hip Bone Mineral Density: a High-impact, Unilateral Intervention.. <i>Medicine and Science in Sports and Exercise</i> , 2008, 40, S81-S82.	0.4	0
57	Evaluation Of Vibration Training Platforms. <i>Medicine and Science in Sports and Exercise</i> , 2009, 41, 534.	0.4	0
58	Bone Health and Body Composition Measurement in Older People:. <i>Society for the Study of Human Biology</i> , 2010, , 219-237.	0.3	0