## Deborah A Kerr

## List of Publications by Year in descending order

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Version: 2024-02-01

132 papers

5,565 citations

36 h-index 91712 69 g-index

140 all docs

140 docs citations

140 times ranked

6464 citing authors

#	Article	IF	Citations
1	Anthropometric measurement error and the assessment of nutritional status. British Journal of Nutrition, 1999, 82, 165-177.	1.2	882
2	Exercise effects on bone mass in postmenopausal women are site-specific and load-dependent. Journal of Bone and Mineral Research, $1996$ , $11$ , $218-225$ .	3.1	382
3	The effects of calcium supplementation (milk powder or tablets) and exercise on bone density in postmenopausal women. Journal of Bone and Mineral Research, 1995, 10, 1068-1075.	3.1	283
4	New mobile methods for dietary assessment: review of image-assisted and image-based dietary assessment methods. Proceedings of the Nutrition Society, 2017, 76, 283-294.	0.4	237
5	Evidence-Based Development of a Mobile Telephone Food Record. Journal of the American Dietetic Association, 2010, 110, 74-79.	1.3	180
6	Resistance Training over 2 Years Increases Bone Mass in Calcium-Replete Postmenopausal Women. Journal of Bone and Mineral Research, 2001, 16, 175-181.	3.1	163
7	Novel Technologies for Assessing Dietary Intake: Evaluating the Usability of a Mobile Telephone Food Record Among Adults and Adolescents. Journal of Medical Internet Research, 2012, 14, e58.	2.1	140
8	The effect of yoghurt and its probiotics on blood pressure and serum lipid profile; a randomised controlled trial. Nutrition, Metabolism and Cardiovascular Diseases, 2015, 25, 46-51.	1.1	123
9	The connecting health and technology study: a 6-month randomized controlled trial to improve nutrition behaviours using a mobile food record and text messaging support in young adults. International Journal of Behavioral Nutrition and Physical Activity, 2016, 13, 52.	2.0	117
10	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
11	The effects of menopause and age on calcitropic hormones: A cross-sectional study of 655 healthy women aged 35 to 90. Journal of Bone and Mineral Research, 1995, 10, 835-842.	3.1	99
12	Morphological characteristics of Olympic sprint canoe and kayak paddlers. Journal of Science and Medicine in Sport, 2003, 6, 285-294.	0.6	98
13	Somatotype and size of elite female basketball players. Journal of Sports Sciences, 2005, 23, 1057-1063.	1.0	87
14	Who Uses the Internet as a Source of Nutrition and Dietary Information? An Australian Population Perspective. Journal of Medical Internet Research, 2015, 17, e209.	2.1	87
15	Comparison of self-reported and measured metabolizable energy intake with total energy expenditure in overweight teens. American Journal of Clinical Nutrition, 2009, 89, 1744-1750.	2.2	86
16	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
17	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
18	The effects of probiotic bacteria on glycaemic control in overweight men and women: a randomised controlled trial. European Journal of Clinical Nutrition, 2014, 68, 447-452.	1.3	72

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19	Differences in the relationship between BMI and percentage body fat between Japanese and Australian-Caucasian young men. British Journal of Nutrition, 2006, 95, 1002-1007.	1.2	68
20	Reported Energy Intake Accuracy Compared to Doubly Labeled Water and Usability of the Mobile Food Record among Community Dwelling Adults. Nutrients, 2017, 9, 312.	1.7	62
21	Adequacy and change in nutrient and food intakes with aging in a seven-year cohort study in elderly women. Journal of Nutrition, Health and Aging, 2010, 14, 723-729.	1.5	59
22	Differences in satiety effects of alginate- and whey protein-based foods. Appetite, 2010, 54, 485-491.	1.8	58
23	Physical activity and nutrition behavioural outcomes of a home-based intervention program for seniors: a randomized controlled trial. International Journal of Behavioral Nutrition and Physical Activity, 2013, 10, 14.	2.0	58
24	Connecting Health and Technology (CHAT): protocol of a randomized controlled trial to improve nutrition behaviours using mobile devices and tailored text messaging in young adults. BMC Public Health, 2012, 12, 477.	1.2	56
25	Adolescents Just Do Not Know What They Want: A Qualitative Study to Describe Obese Adolescents' Experiences of Text Messaging to Support Behavior Change Maintenance Post Intervention. Journal of Medical Internet Research, 2014, 16, e103.	2.1	56
26	Comparison of Known Food Weights with Image-Based Portion-Size Automated Estimation and Adolescents' Self-Reported Portion Size. Journal of Diabetes Science and Technology, 2012, 6, 428-434.	1.3	55
27	How Willing Are Adolescents to Record Their Dietary Intake? The Mobile Food Record. JMIR MHealth and UHealth, 2015, 3, e47.	1.8	53
28	Absolute size and proportionality characteristics of World Championship female basketball players. Journal of Sports Sciences, 1997, 15, 485-490.	1.0	50
29	Geographic factors as determinants of food security: a Western Australian food pricing and quality study. Asia Pacific Journal of Clinical Nutrition, 2014, 23, 703-13.	0.3	50
30	Olympic lightweight and open-class rowers possess distinctive physical and proportionality characteristics. Journal of Sports Sciences, 2007, 25, 43-53.	1.0	48
31	Effects of a 1-year randomized controlled trial of resistance training on lower limb bone and muscle structure and function in older men. Osteoporosis International, 2010, 21, 1529-1536.	1.3	48
32	An End-to-End Image-Based Automatic Food Energy Estimation Technique Based on Learned Energy Distribution Images: Protocol and Methodology. Nutrients, 2019, 11, 877.	1.7	45
33	Tea and flavonoid intake predict osteoporotic fracture risk in elderly Australian women: a prospective study. American Journal of Clinical Nutrition, 2015, 102, 958-965.	2.2	42
34	A Novel Dietary Assessment Method to Measure a Healthy and Sustainable Diet Using the Mobile Food Record: Protocol and Methodology. Nutrients, 2015, 7, 5375-5395.	1.7	41
35	Adolescents in the United States can identify familiar foods at the time of consumption and when prompted with an image 14 h postprandial, but poorly estimate portions. Public Health Nutrition, 2011, 14, 1184-1191.	1.1	39
36	Feasibility and Use of the Mobile Food Record for Capturing Eating Occasions among Children Ages 3–10 Years in Guam. Nutrients, 2015, 7, 4403-4415.	1.7	39

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37	Gratitude, resignation and the desire for dignity: lived experience of food charity recipients and their recommendations for improvement, Perth, Western Australia. Public Health Nutrition, 2018, 21, 2831-2841.	1.1	39
38	An Overview of the Technology Assisted Dietary Assessment Project at Purdue University. , 2010, , 290-295.		38
39	Correlates of intestinal calcium absorption in women 10 years past the menopause. Calcified Tissue International, 1993, 52, 358-360.	1.5	37
40	A Mobile Food Record For Integrated Dietary Assessment. , 2016, 2016, 53-62.		37
41	Effect of Fibre Supplementation on Body Weight and Composition, Frequency of Eating and Dietary Choice in Overweight Individuals. Nutrients, 2017, 9, 149.	1.7	36
42	Preferred Tone of Nutrition Text Messages for Young Adults: Focus Group Testing. JMIR MHealth and UHealth, 2016, 4, e1.	1.8	36
43	Personal dietary assessment using mobile devices. Proceedings of SPIE, 2009, 7246, .	0.8	35
44	Single-View Food Portion Estimation: Learning Image-to-Energy Mappings Using Generative Adversarial Networks. , 2018, , .		35
45	Morphological characteristics of Olympic slalom canoe and kayak paddlers. European Journal of Sport Science, 2007, 7, 107-113.	1.4	32
46	Charitable Food Systems' Capacity to Address Food Insecurity: An Australian Capital City Audit. International Journal of Environmental Research and Public Health, 2018, 15, 1249.	1.2	30
47	Height and Weight Fail to Detect Early Signs of Malnutrition in Children With Cystic Fibrosis. Journal of Pediatric Gastroenterology and Nutrition, 2001, 33, 319-325.	0.9	29
48	Under-reporting of energy intake in elderly Australian women is associated with a higher body mass index. Journal of Nutrition, Health and Aging, 2013, 17, 112-118.	1.5	28
49	Bone Mass in Young Women Is Dependent on Lean Body Mass. Journal of Clinical Densitometry, 2007, 10, 319-326.	0.5	26
50	Food Volume Estimation in a Mobile Phone Based Dietary Assessment System., 2012,,.		26
51	Building healthy bones throughout life: an evidenceâ€informed strategy to prevent osteoporosis in Australia. Medical Journal of Australia, 2013, 199, S1.	0.8	26
52	Image-Based Dietary Assessment Ability of Dietetics Students and Interns. Nutrients, 2017, 9, 114.	1.7	26
53	Physical activity and nutrition program for seniors (PANS): protocol of a randomized controlled trial. BMC Public Health, 2010, 10, 751.	1.2	25
54	Long-Term Food Insecurity, Hunger and Risky Food Acquisition Practices: A Cross-Sectional Study of Food Charity Recipients in an Australian Capital City. International Journal of Environmental Research and Public Health, 2019, 16, 2749.	1.2	25

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55	Evaluation of the Food And Nutrient Database for Dietary Studies for use with a mobile telephone food record. Journal of Food Composition and Analysis, 2011, 24, 1160-1167.	1.9	24
56	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
57	Obesity, socioâ€demographic and attitudinal factors associated with sugarâ€sweetened beverage consumption: Australian evidence. Australian and New Zealand Journal of Public Health, 2016, 40, 71-77.	0.8	24
58	Iron status and diet in athletes. Medicine and Science in Sports and Exercise, 1993, 25, 796-800.	0.2	23
59	An evidenceâ€informed strategy to prevent osteoporosis in Australia. Medical Journal of Australia, 2013, 198, 90-91.	0.8	23
60	Building healthy bones throughout life: an evidenceâ€informed strategy to prevent osteoporosis in Australia. Medical Journal of Australia, 2013, 199, S1-S46.	0.8	23
61	Multi-task Image-Based Dietary Assessment for Food Recognition and Portion Size Estimation. , 2020, , .		23
62	Protocol for a gender-sensitised weight loss and healthy living programme for overweight and obese men delivered in Australian football league settings (Aussie-FIT): A feasibility and pilot randomised controlled trial. BMJ Open, 2018, 8, e022663.	0.8	22
63	A gender-sensitised weight-loss and healthy living program for men with overweight and obesity in Australian Football League settings (Aussie-FIT): A pilot randomised controlled trial. PLoS Medicine, 2020, 17, e1003136.	3.9	22
64	The Impact of Curtin University's Activity, Food and Attitudes Program on Physical Activity, Sedentary Time and Fruit, Vegetable and Junk Food Consumption among Overweight and Obese Adolescents: A Waitlist Controlled Trial. PLoS ONE, 2014, 9, e111954.	1.1	21
65	Recruitment of older adults with type 2 diabetes into a community-based exercise and nutrition randomised controlled trial. Trials, 2016, 17, 467.	0.7	21
66	Removing the Australian tax exemption on healthy food adds food stress to families vulnerable to poor nutrition. Australian and New Zealand Journal of Public Health, 2017, 41, 591-597.	0.8	19
67	Effects of a physical activity and nutrition program for seniors on body mass index and waist-to-hip ratio: A randomised controlled trial. Preventive Medicine, 2012, 54, 397-401.	1.6	18
68	The effects of progressive resistance training combined with a whey-protein drink and vitamin D supplementation on glycaemic control, body composition and cardiometabolic risk factors in older adults with type 2 diabetes: study protocol for a randomized controlled trial. Trials, 2014, 15, 431.	0.7	17
69	Protocol for the Development of a Food Stress Index to Identify Households Most at Risk of Food Insecurity in Western Australia. International Journal of Environmental Research and Public Health, 2019, 16, 79.	1.2	17
70	Effects of a physical activity and nutrition program in retirement villages: a cluster randomised controlled trial. International Journal of Behavioral Nutrition and Physical Activity, 2017, 14, 92.	2.0	15
71	Texture feature extraction method for scale and rotation invariant image retrieval. Electronics Letters, 2012, 48, 626.	0.5	14
72	Effects of whey protein plus vitamin D supplementation combined with progressive resistance training on glycaemic control, body composition, muscle function and cardiometabolic risk factors in middleâ€aged and older overweight/obese adults with type 2 diabetes: A 24â€week randomized controlled trial. Diabetes, Obesity and Metabolism, 2021, 23, 938-949.	2.2	14

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73	Improving Nutrition and Activity Behaviors Using Digital Technology and Tailored Feedback: Protocol for the Tailored Diet and Activity (ToDAy) Randomized Controlled Trial. JMIR Research Protocols, 2019, 8, e12782.	0.5	14
74	Effectiveness of a Home-Based Postal and Telephone Physical Activity and Nutrition Pilot Program for Seniors. Journal of Obesity, 2011, 2011, 1-8.	1.1	13
75	Are Retirement Villages Promoting Active Aging?. Journal of Aging and Physical Activity, 2016, 24, 407-411.	0.5	13
76	BMIÂisÂAssociatedÂwithÂtheÂWillingnessÂtoÂRecordÂDiet with a Mobile Food Record among AdultsÂ ParticipatingÂinÂDietaryÂInterventions. Nutrients, 2017, 9, 244.	1.7	13
77	FeasibilityÂofÂAssessingÂDietÂwithÂaÂMobileÂFood RecordÂforÂAdolescentsÂandÂYoungÂAdultsÂwithÂ DownÂSyndrome. Nutrients, 2017, 9, 273.	1.7	13
78	Using Cross-Sectional Data to Identify and Quantify the Relative Importance of Factors Associated with and Leading to Food Insecurity. International Journal of Environmental Research and Public Health, 2018, 15, 2620.	1.2	13
79	Supplement Use and Behaviors of Athletes Affiliated With an Australian State-Based Sports Institute. International Journal of Sport Nutrition and Exercise Metabolism, 2019, 29, 518-525.	1.0	13
80	Impact of the Analysis of a Bone Density Reference Range on Determination of the T-Score. Journal of Clinical Densitometry, 2003, 6, 51-62.	0.5	12
81	Do Overweight Adolescents Adhere to Dietary Intervention Messages? Twelve-Month Detailed Dietary Outcomes from Curtin University's Activity, Food and Attitudes Program. Nutrients, 2015, 7, 4363-4382.	1.7	12
82	Consumption of a whey protein-enriched diet may prevent hepatic steatosis associated with weight gain in elderly women. Nutrition, Metabolism and Cardiovascular Diseases, 2015, 25, 388-395.	1.1	12
83	Consumption of the Soluble Dietary Fibre Complex PolyGlycopleX $\hat{A}^{\otimes}$ Reduces Glycaemia and Increases Satiety of a Standard Meal Postprandially. Nutrients, 2016, 8, 268.	1.7	12
84	Healthy and sustainable diets: Community concern about the effect of the future food environments and support for government regulating sustainable food supplies in Western Australia. Appetite, 2018, 125, 225-232.	1.8	12
85	Plasma Ferritin Concentration and Physical Work Capacity in Athletes. International Journal of Sport Nutrition, 1992, 2, 335-342.	1.6	11
86	Rationale, design and methods for a staggered-entry, waitlist controlled clinical trial of the impact of a community-based, family-centred, multidisciplinary program focussed on activity, food and attitude habits (Curtin University's Activity, Food and Attitudes Programâ€"CAFAP) among overweight adolescents. BMC Public Health, 2012, 12, 471.	1.2	11
87	Perception v. actual intakes of junk food and sugar-sweetened beverages in Australian young adults: assessed using the mobile food record. Public Health Nutrition, 2017, 20, 2300-2307.	1.1	11
88	A systematic review examining socioeconomic factors in trials of interventions for men that report weight as an outcome. Obesity Reviews, 2022, 23, e13436.	3.1	11
89	Importance of bone resorption in the determination of bone density in women more than 10 years past the menopause. Journal of Bone and Mineral Research, 1993, 8, 1273-1279.	3.1	10
90	A mobile phone user interface for image-based dietary assessment. Proceedings of SPIE, 2014, 9030, .	0.8	10

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91	Does an Adolescent's Accuracy of Recall Improve with a Second 24-h Dietary Recall?. Nutrients, 2015, 7, 3557-3568.	1.7	10
92	Effect of Training on the Reliability of Satiety Evaluation and Use of Trained Panellists to Determine the Satiety Effect of Dietary Fibre: A Randomised Controlled Trial. PLoS ONE, 2015, 10, e0126202.	1.1	10
93	Image-Based Dietary Assessment and Tailored Feedback Using Mobile Technology: Mediating Behavior Change in Young Adults. Nutrients, 2019, 11, 435.	1.7	10
94	Saliency-Aware Class-Agnostic Food Image Segmentation. ACM Transactions on Computing for Healthcare, 2021, 2, 1-17.	3.3	10
95	Investigating the Efficacy and Cost-Effectiveness of Technology-Delivered Personalized Feedback on Dietary Patterns in Young Australian Adults in the Advice, Ideas, and Motivation for My Eating (Aim4Me) Study: Protocol for a Randomized Controlled Trial. JMIR Research Protocols, 2020, 9, e15999.	0.5	9
96	Calcium Intake in Elderly Australian Women Is Inadequate. Nutrients, 2010, 2, 1036-1043.	1.7	8
97	Using Short Dietary Questions to Develop Indicators of Dietary Behaviour for Use in Surveys Exploring Attitudinal and/or Behavioural Aspects of Dietary Choices. Nutrients, 2015, 7, 6330-6345.	1.7	8
98	Characterizing Early Adolescent Plate Waste Using the Mobile Food Record. Nutrients, 2017, 9, 93.	1.7	8
99	Dietary inflammatory index and the aging kidney in older women: a 10-year prospective cohort study. European Journal of Nutrition, 2020, 59, 3201-3211.	1.8	8
100	Convergent Validity of the Fitbit Charge 2 to Measure Sedentary Behavior and Physical Activity in Overweight and Obese Adults. Journal for the Measurement of Physical Behaviour, 2021, 4, 39-46.	0.5	8
101	Towards Learning Food Portion From Monocular Images With Cross-Domain Feature Adaptation. , 2021, , .		8
102	Effects of a viscous-fibre supplemented evening meal and the following un-supplemented breakfast on post-prandial satiety responses in healthy women. Physiology and Behavior, 2016, 154, 34-39.	1.0	7
103	Effects of a 1-year randomised controlled trial of resistance training on blood lipid profile and chylomicron concentration in older men. European Journal of Applied Physiology, 2016, 116, 2113-2123.	1.2	7
104	The Aussie-FIT process evaluation: feasibility and acceptability of a weight loss intervention for men, delivered in Australian Football League settings. Psychology and Health, 2022, 37, 470-489.	1,2	7
105	Cardiovascular disease risk score prediction models for women and its applicability to Asians. International Journal of Women's Health, 2014, 6, 259.	1.1	6
106	An Integrated System for Mobile Image-Based Dietary Assessment. , 2021, , .		6
107	Design and Development of a Digital Weight Management Intervention (ToDAy): Qualitative Study. JMIR MHealth and UHealth, 2020, 8, e17919.	1.8	6
108	Current practice, perceived barriers and resource needs related to measurement of dietary intake, analysis and interpretation of data: A survey of Australian nutrition and dietetics practitioners and researchers. Nutrition and Dietetics, 2021, 78, 365-373.	0.9	5

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109	Retirement village physical activity and nutrition intervention process evaluation: Informing practice. Australasian Journal on Ageing, 2018, 37, E144-E149.	0.4	4
110	Eating Behaviors and Diet Quality: A National Survey of Australian Young Adults. Journal of Nutrition Education and Behavior, 2022, 54, 397-405.	0.3	4
111	Importance of user interaction with automated dietary assessment methods. European Journal of Clinical Nutrition, 2012, 66, 648-648.	1.3	3
112	A cluster-randomised controlled trial of a physical activity and nutrition programme in retirement villages: a study protocol. BMJ Open, 2014, 4, e005107-e005107.	0.8	3
113	Analysis, Presentation, and Interpretation of Dietary Data. , 2017, , 167-184.		3
114	Accuracy and Cost-effectiveness of Technology-Assisted Dietary Assessment Comparing the Automated Self-administered Dietary Assessment Tool, Intake24, and an Image-Assisted Mobile Food Record 24-Hour Recall Relative to Observed Intake: Protocol for a Randomized Crossover Feeding Study. JMIR Research Protocols, 2021, 10, e32891.	0.5	3
115	An Active Image-Based Mobile Food Record Is Feasible for Capturing Eating Occasions among Infants Ages 3–12 Months Old in Hawaiâ€̃i. Nutrients, 2022, 14, 1075.	1.7	3
116	Food image analysis: The big data problem you can eat!., 2016, 2016, 1263-1267.		2
117	Analysis, Presentation, and Interpretation of Dietary Data. , 2013, , 125-140.		1
118	Effects of Whole Grain Food Consumption in Older Australian Women. Cereal Foods World, 2016, 61, 51-58.	0.7	1
119	Effect of PolyGlycopleX (PGX) Consumption on Blood Lipid Profiles in Healthy, Low CVD Risk Overweight Adults. Nutrients, 2019, 11, 717.	1.7	1
120	Learning Eating Environments Through Scene Clustering. , 2020, , .		1
121	Use of the mobile telephone Food Record (mpFR) does not mitigate reduced dietary intake in adolescents. FASEB Journal, 2010, 24, lb329.	0.2	1
122	Demographic and psychosocial correlates of measurement error and reactivity bias in a 4-d image-based mobile food record among adults with overweight and obesity. British Journal of Nutrition, 2023, 129, 725-736.	1.2	1
123	Response to Comments by Vuksan V. et al., Nutrients 2017, 9, 398, Regarding an Article by Solah V.A. et al., Nutrients 2017, 9, 149. Nutrients, 2017, 9, 408.	1.7	O
124	A Novel to Method to Measure Food Waste: The Mobile Food Record. Journal of Extension, 2021, 59, .	0.1	0
125	Interaction design of a mobile phone food record for adolescents. FASEB Journal, 2009, 23, 223.5.	0.2	0
126	Adolescent' ability to correctly identify foods up to fourteen hours postprandial when prompted with an image of a meal. FASEB Journal, 2009, 23, 223.6.	0.2	0

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127	Physique Assessment in Practice. , 2018, , 179-189.		O
128	Temporal patterns of eating by mode of data collection from the baseline dietary intakes of participants in the Healthy Diet and Lifestyle Study. Journal of Food Composition and Analysis, 2022, 107, 104296.	1.9	0
129	Title is missing!. , 2020, 17, e1003136.		O
130	Title is missing!. , 2020, 17, e1003136.		O
131	Title is missing!. , 2020, 17, e1003136.		O
132	Title is missing!. , 2020, 17, e1003136.		0