

Mary Barker

List of Publications by Year in descending order

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Version: 2024-02-01

126
papers

9,093
citations

172457
29
h-index

43889
91
g-index

132
all docs

132
docs citations

132
times ranked

14812
citing authors

#	ARTICLE	IF	CITATIONS
1	Process evaluation of complex interventions: Medical Research Council guidance. <i>BMJ</i> , The, 2015, 350, h1258-h1258.	6.0	3,602
2	Origins of lifetime health around the time of conception: causes and consequences. <i>Lancet</i> , The, 2018, 391, 1842-1852.	13.7	771
3	Why is changing health-related behaviour so difficult?. <i>Public Health</i> , 2016, 136, 109-116.	2.9	748
4	Before the beginning: nutrition and lifestyle in the preconception period and its importance for future health. <i>Lancet</i> , The, 2018, 391, 1830-1841.	13.7	691
5	Intervention strategies to improve nutrition and health behaviours before conception. <i>Lancet</i> , The, 2018, 391, 1853-1864.	13.7	254
6	A Systematic Review of Digital Interventions for Improving the Diet and Physical Activity Behaviors of Adolescents. <i>Journal of Adolescent Health</i> , 2017, 61, 669-677.	2.5	230
7	Process evaluation in complex public health intervention studies: the need for guidance. <i>Journal of Epidemiology and Community Health</i> , 2014, 68, 101-102.	3.7	228
8	Birth weight and body fat distribution in adolescent girls. <i>Archives of Disease in Childhood</i> , 1997, 77, 381-383.	1.9	217
9	Interventions to prevent maternal obesity before conception, during pregnancy, and post partum. <i>Lancet Diabetes and Endocrinology</i> , the, 2017, 5, 65-76.	11.4	154
10	Developmental Origins of Health and Disease: A Lifecourse Approach to the Prevention of Non-Communicable Diseases. <i>Healthcare (Switzerland)</i> , 2017, 5, 14.	2.0	131
11	“Making every contact count”: Evaluation of the impact of an intervention to train health and social care practitioners in skills to support health behaviour change. <i>Journal of Health Psychology</i> , 2016, 21, 138-151.	2.3	107
12	Food choice in transition: adolescent autonomy, agency, and the food environment. <i>Lancet</i> , The, 2022, 399, 185-197.	13.7	94
13	What influences diet quality in older people? A qualitative study among community-dwelling older adults from the Hertfordshire Cohort Study, UK. <i>Public Health Nutrition</i> , 2017, 20, 2685-2693.	2.2	83
14	Developmental biology: Support mothers to secure future public health. <i>Nature</i> , 2013, 504, 209-211.	27.8	81
15	Does living in a food insecure household impact on the diets and body composition of young children? Findings from the Southampton Women's Survey. <i>Journal of Epidemiology and Community Health</i> , 2012, 66, e6-e6.	3.7	67
16	Why women of lower educational attainment struggle to make healthier food choices: The importance of psychological and social factors. <i>Psychology and Health</i> , 2009, 24, 1003-1020.	2.2	65
17	Stress Responsiveness in Adult Life: Influence of Mother's Diet in Late Pregnancy. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2007, 92, 2208-2210.	3.6	64
18	Constraints on food choices of women in the UK with lower educational attainment. <i>Public Health Nutrition</i> , 2008, 11, 1229-1237.	2.2	56

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19	The Southampton Initiative for Health. <i>Journal of Health Psychology</i> , 2011, 16, 178-191.	2.3	55
20	Preconception health in England: a proposal for annual reporting with core metrics. <i>Lancet</i> , The, 2019, 393, 2262-2271.	13.7	53
21	Practical guidance for engaging patients in health research, treatment guidelines and regulatory processes: results of an expert group meeting organized by the World Health Organization (WHO) and the European Society for Clinical and Economic Aspects of Osteoporosis, Osteoarthritis and Musculoskeletal Diseases (ESCEO). <i>Aging Clinical and Experimental Research</i> , 2019, 31, 905-915.	2.9	47
22	Healthy conversation skills: increasing competence and confidence in front-line staff. <i>Public Health Nutrition</i> , 2014, 17, 700-707.	2.2	46
23	Women of lower educational attainment have lower food involvement and eat less fruit and vegetables. <i>Appetite</i> , 2008, 50, 464-468.	3.7	44
24	Evaluation of the Dinamap 8100 and Omron M1 blood pressure monitors for use in children. <i>Paediatric and Perinatal Epidemiology</i> , 2000, 14, 179-186.	1.7	40
25	Behaviour, body composition and diet in adolescent girls. <i>Appetite</i> , 2000, 35, 161-170.	3.7	35
26	Changing health behaviour of young women from disadvantaged backgrounds: evidence from systematic reviews. <i>Proceedings of the Nutrition Society</i> , 2009, 68, 195-204.	1.0	35
27	The effect of a behaviour change intervention on the diets and physical activity levels of women attending Sure Start Children's Centres: results from a complex public health intervention. <i>BMJ Open</i> , 2014, 4, e005290-e005290.	1.9	35
28	A review of factors affecting the food choices of disadvantaged women. <i>Proceedings of the Nutrition Society</i> , 2009, 68, 189-194.	1.0	32
29	Education and the Relationship Between Supermarket Environment and Diet. <i>American Journal of Preventive Medicine</i> , 2016, 51, e27-e34.	3.0	32
30	Variety and quality of healthy foods differ according to neighbourhood deprivation. <i>Health and Place</i> , 2012, 18, 1292-1299.	3.3	31
31	Educational attainment, perceived control and the quality of women's diets. <i>Appetite</i> , 2009, 52, 631-636.	3.7	30
32	Who uses foodbanks and why? Exploring the impact of financial strain and adverse life events on food insecurity. <i>Journal of Public Health</i> , 2018, 40, 676-683.	1.8	30
33	Gender Differences in Body Mass Index in Rural India Are Determined by Socio-Economic Factors and Lifestyle. <i>Journal of Nutrition</i> , 2006, 136, 3062-3068.	2.9	29
34	Why are rural Indian women so thin? Findings from a village in Maharashtra. <i>Public Health Nutrition</i> , 2006, 9, 9-18.	2.2	29
35	A social marketing approach to improving the nutrition of low-income women and children: an initial focus group study. <i>Public Health Nutrition</i> , 2009, 12, 1563-1568.	2.2	28
36	How do mothers manage their preschool children's eating habits and does this change as children grow older? A longitudinal analysis. <i>Appetite</i> , 2015, 95, 466-474.	3.7	27

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37	Improving recruitment to clinical trials during pregnancy: A mixed methods investigation. Social Science and Medicine, 2018, 200, 73-82.	3.8	27
38	A wake-up call for preconception health: a clinical review. British Journal of General Practice, 2021, 71, 233-236.	1.4	27
39	How can we best use opportunities provided by routine maternity care to engage women in improving their diets and health?. Maternal and Child Nutrition, 2020, 16, e12900.	3.0	25
40	Low levels of food involvement and negative affect reduce the quality of diet in women of lower educational attainment. Journal of Human Nutrition and Dietetics, 2012, 25, 444-452.	2.5	24
41	Specific psychological variables predict quality of diet in women of lower, but not higher, educational attainment. Appetite, 2011, 56, 46-52.	3.7	23
42	The application of psychological theory to nutrition behaviour change. Proceedings of the Nutrition Society, 2009, 68, 205-209.	1.0	22
43	How do we harness adolescent values in designing health behaviour change interventions? A qualitative study. British Journal of Health Psychology, 2021, 26, 1176-1193.	3.5	22
44	Assessing the diet of adolescent girls in the UK. Public Health Nutrition, 1999, 2, 571-577.	2.2	21
45	Implementation of new Healthy Conversation Skills to support lifestyle changes - what helps and what hinders? Experiences of Sure Start Children's Centre staff. Health and Social Care in the Community, 2012, 20, 430-437.	1.6	21
46	Examination of how food environment and psychological factors interact in their relationship with dietary behaviours: test of a cross-sectional model. International Journal of Behavioral Nutrition and Physical Activity, 2019, 16, 12.	4.6	21
47	Translating the Developmental Origins of Health and Disease concept to improve the nutritional environment for our next generations: a call for a reflexive, positive, multi-level approach. Journal of Developmental Origins of Health and Disease, 2019, 10, 420-428.	1.4	21
48	Knowledge about the Developmental Origins of Health and Disease is independently associated with variation in diet quality during pregnancy. Maternal and Child Nutrition, 2020, 16, e12891.	3.0	20
49	Characterising and monitoring preconception health in England: a review of national population-level indicators and core data sources. Journal of Developmental Origins of Health and Disease, 2022, 13, 137-150.	1.4	19
50	Southampton PRenancy Intervention for the Next Generation (SPRING): protocol for a randomised controlled trial. Trials, 2016, 17, 493.	1.6	18
51	Use of healthy conversation skills to promote healthy diets, physical activity and gestational weight gain: Results from a pilot randomised controlled trial. Patient Education and Counseling, 2020, 103, 1134-1142.	2.2	18
52	Exploring the acceptability of controlled human infection with SARS-CoV-2: a public consultation. BMC Medicine, 2020, 18, 209.	5.5	18
53	Community perspectives on maternal and child health during nutrition and economic transition in sub-Saharan Africa. Public Health Nutrition, 2021, 24, 3710-3718.	2.2	17
54	Engaging teenagers in improving their health behaviours and increasing their interest in science (Evaluation of LifeLab Southampton): study protocol for a cluster randomized controlled trial. Trials, 2015, 16, 372.	1.6	16

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55	Healthy conversation skills as an intervention to support healthy gestational weight gain: Experience and perceptions from intervention deliverers and participants. <i>Patient Education and Counseling</i> , 2019, 102, 924-931.	2.2	16
56	Double-duty solutions for optimising maternal and child nutrition in urban South Africa: a qualitative study. <i>Public Health Nutrition</i> , 2021, 24, 3674-3684.	2.2	16
57	A mixed-methods investigation to explore how women living in disadvantaged areas might be supported to improve their diets. <i>Journal of Health Psychology</i> , 2012, 17, 785-798.	2.3	14
58	Influences on Adherence to Diet and Physical Activity Recommendations in Women and Children: Insights from Six European Studies. <i>Annals of Nutrition and Metabolism</i> , 2014, 64, 332-339.	1.9	14
59	Improving pregnant women's diet and physical activity behaviours: the emergent role of health identity. <i>BMC Pregnancy and Childbirth</i> , 2020, 20, 244.	2.4	14
60	How do we engage people in testing for COVID-19? A rapid qualitative evaluation of a testing programme in schools, GP surgeries and a university. <i>BMC Public Health</i> , 2022, 22, 305.	2.9	14
61	Improving nutritional care: innovation and good practice. <i>Journal of Advanced Nursing</i> , 2015, 71, 881-894.	3.3	13
62	Age and gender influence healthy eating and physical activity behaviours in South African adolescents and their caregivers: Transforming Adolescent Lives through Nutrition Initiative (TALENT). <i>Public Health Nutrition</i> , 2021, 24, 5187-5206.	2.2	13
63	Unheard, unseen and unprotected: DOHaD council's call for action to protect the younger generation from the long-term effects of COVID-19. <i>Journal of Developmental Origins of Health and Disease</i> , 2021, 12, 3-5.	1.4	13
64	Understanding influences on physical activity participation by older adults: A qualitative study of community-dwelling older adults from the Hertfordshire Cohort Study, UK. <i>PLoS ONE</i> , 2022, 17, e0263050.	2.5	13
65	Preconception and pregnancy: opportunities to intervene to improve women's diets and lifestyles. <i>Journal of Developmental Origins of Health and Disease</i> , 2016, 7, 330-333.	1.4	12
66	Translating Developmental Origins: Improving the Health of Women and Their Children Using a Sustainable Approach to Behaviour Change. <i>Healthcare (Switzerland)</i> , 2017, 5, 17.	2.0	12
67	Supporting maternal and child nutrition: views from community members in rural Northern Ghana. <i>Public Health Nutrition</i> , 2021, 24, 3719-3726.	2.2	12
68	Protocol for a cluster randomised trial evaluating a multifaceted intervention starting preconceptionally—Early Interventions to Support Trajectories for Healthy Life in India (EINSTEIN): a Healthy Life Trajectories Initiative (HeLTI) Study. <i>BMJ Open</i> , 2021, 11, e045862.	1.9	12
69	The roles of men and women in maternal and child nutrition in urban South Africa: A qualitative secondary analysis. <i>Maternal and Child Nutrition</i> , 2021, 17, e13161.	3.0	12
70	A cluster-randomised controlled trial of the LifeLab education intervention to improve health literacy in adolescents. <i>PLoS ONE</i> , 2021, 16, e0250545.	2.5	12
71	The relationship between maternal self-efficacy, compliance and outcome in a trial of vitamin D supplementation in pregnancy. <i>Osteoporosis International</i> , 2017, 28, 77-84.	3.1	10
72	Behaviour change interventions: getting in touch with individual differences, values and emotions. <i>Journal of Developmental Origins of Health and Disease</i> , 2020, 11, 589-598.	1.4	10

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73	Food labelling and dietary behaviour: bridging the gap. Public Health Nutrition, 2012, 15, 758-759.	2.2	9
74	“Men are not playing their roles”, maternal and child nutrition in Nanoro, Burkina Faso. Public Health Nutrition, 2020, 24, 1-11.	2.2	9
75	A Context-Specific Digital Alcohol Brief Intervention in Symptomatic Breast Clinics (Abreast of) Tj ETQq1 1 0.784314.rgBT /Overlock 1	1.0	9
76	Developmental origins, behaviour change and the new public health. Journal of Developmental Origins of Health and Disease, 2015, 6, 428-433.	1.4	7
77	Origins of Lifetime Health Around the Time of Conception: Causes and Consequences. Obstetrical and Gynecological Survey, 2018, 73, 555-557.	0.4	7
78	“I should be disease free, healthy and be happy in whatever I do”: a cross-country analysis of drivers of adolescent diet and physical activity in different low- and middle-income contexts. Public Health Nutrition, 2021, 24, 5238-5248.	2.2	6
79	Conflicts between adolescents and their caregivers living in slums of Mumbai, India in relation to junk food consumption and physical activity. Public Health Nutrition, 2020, 24, 1-11.	2.2	6
80	Exploring influences on adolescent diet and physical activity in rural Gambia, West Africa: food insecurity, culture and the natural environment. Public Health Nutrition, 2020, 24, 1-11.	2.2	6
81	Development of a short food frequency questionnaire to assess diet quality in UK adolescents using the National Diet and Nutrition Survey. Nutrition Journal, 2021, 20, 5.	3.4	6
82	Meeting the UK Government’s prevention agenda: primary care practitioners can be trained in skills to prevent disease and support self-management. Perspectives in Public Health, 2022, 142, 158-166.	1.6	6
83	Culture and community perceptions on diet for maternal and child health: a qualitative study in rural northern Ghana. BMC Nutrition, 2021, 7, 36.	1.6	6
84	Measuring young women’s self-efficacy for healthy eating: Initial development and validation of a new questionnaire. Journal of Health Psychology, 2016, 21, 2503-2513.	2.3	5
85	Prospective associations of maternal choline status with offspring body composition in the first 5 years of life in two large mother’s offspring cohorts: the Southampton Women’s Survey cohort and the Growing Up in Singapore Towards healthy Outcomes cohort. International Journal of Epidemiology, 2019, 48, 433-444.	1.9	5
86	Adolescent diet and physical activity in the context of economic, social and nutrition transition in rural Maharashtra, India: a qualitative study. Public Health Nutrition, 2021, 24, 5299-5308.	2.2	5
87	What shapes adolescents’ diet and physical activity habits in rural Konkan, India? Adolescents’ and caregivers’ perspectives. Public Health Nutrition, 2021, 24, 5177-5186.	2.2	5
88	Addressing embodied inequities in health: how do we enable improvement in women’s diet in pregnancy?. Public Health Nutrition, 2020, 23, 2994-3004.	2.2	5
89	What stresses adolescents? A qualitative study on perceptions of stress, stressors and coping mechanisms among urban adolescents in India. Wellcome Open Research, 2021, 6, 106.	1.8	5
90	Life course programming of stress responses in adolescents and young adults in India: Protocol of the Stress Responses in Adolescence and Vulnerability to Adult Non-communicable disease (SRAVANA) Study. Wellcome Open Research, 2018, 3, 56.	1.8	5

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91	Recent UK retireesâ€™ views about the work-related factors which influenced their decision to retire: a qualitative study within the Health and Employment After Fifty (HEAF) cohort. BMC Public Health, 2022, 22, 116.	2.9	5
92	Young peopleâ€™s experiences of COVID-19 messaging at the start of the UK lockdown: lessons for positive engagement and information sharing. BMC Public Health, 2022, 22, 352.	2.9	5
93	How well do national and local policies in England relevant to maternal and child health meet the international standard for non-communicable disease prevention? A policy analysis. BMJ Open, 2018, 8, e022062.	1.9	4
94	Social, economic and cultural influences on adolescent nutrition and physical activity in Jimma, Ethiopia: perspectives from adolescents and their caregivers. Public Health Nutrition, 2021, 24, 5218-5226.	2.2	4
95	Engaging adolescents in changing behaviour (EACH-B): a study protocol for a cluster randomised controlled trial to improve dietary quality and physical activity. Trials, 2020, 21, 859.	1.6	4
96	How do we improve adolescent diet and physical activity in India and sub-Saharan Africa? Findings from the Transforming Adolescent Lives through Nutrition (TALENT) consortium. Public Health Nutrition, 2021, 24, 5309-5317.	2.2	4
97	Parental perspectives on negotiations over diet and physical activity: how do we involve parents in adolescent health interventions?. Public Health Nutrition, 2021, 24, 1-10.	2.2	4
98	Young women's and midwives' perspectives on improving nutritional support in pregnancy: The babies, eating, and Lifestyle in adolescence (BELLA) study. Social Science and Medicine, 2021, 274, 113781.	3.8	4
99	Preconception nutrition: building advocacy and social movements to stimulate action. Journal of Developmental Origins of Health and Disease, 2021, 12, 141-146.	1.4	4
100	Adolescent nutrition and physical activity in low-income suburbs of Abidjan, CÔte d'Ivoire: the gap between knowledge, aspirations and possibilities. Public Health Nutrition, 2020, 24, 1-11.	2.2	3
101	Investigating the normalization and normative views of gestational weight gain: Balancing recommendations with the promotion and support of healthy pregnancy diets. American Journal of Human Biology, 2021, 33, e23604.	1.6	3
102	Exploring the diet and physical activity behaviours of adolescents living in India and sub-Saharan Africa: a qualitative evidence synthesis. Public Health Nutrition, 2021, 24, 5288-5298.	2.2	3
103	Wow! They really like celeriac! Kindergarten teachers' experiences of an intervention to increase 1-year-oldsâ€™ acceptance of vegetables. Appetite, 2021, 166, 105581.	3.7	3
104	Development of a shortened FFQ to assess a 'prudent' dietary pattern amongst women in Southampton. Proceedings of the Nutrition Society, 2008, 67, .	1.0	2
105	067 Food insecurity, well-being and inequalities in diet in UK women. Journal of Epidemiology and Community Health, 2010, 64, A26-A27.	3.7	2
106	Behaviour change interventions improve maternal and child nutrition in sub-Saharan Africa: a systematic review. Proceedings of the Nutrition Society, 2021, 80, .	1.0	2
107	Why do women of lower educational attainment have lower food involvement than women of higher educational attainment?. Proceedings of the Nutrition Society, 2010, 69, .	1.0	1
108	Improving the health of the public: What is the role of health psychologists?. Journal of Health Psychology, 2016, 21, 135-137.	2.3	1

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109	OP82â€¦Systematic review of digital interventions to improve the diet and physical activity behaviours of adolescents. , 2017, , .		1
110	Preconception health â€œ Authors' reply. Lancet, The, 2018, 392, 2267.	13.7	1
111	David James Purslove Barker. 29 June 1938â€”27 August 2013. Biographical Memoirs of Fellows of the Royal Society, 2019, 67, 29-57.	0.1	1
112	The benefits of peer transparency in safe workplace operation post pandemic lockdown. Journal of the Royal Society Interface, 2021, 18, 20200617.	3.4	1
113	The influence of distance to shops on the quality of diet of women of childbearing age. Proceedings of the Nutrition Society, 2010, 69, .	1.0	0
114	The role of well-being and food involvement in determining the dietary quality of disadvantaged women. Proceedings of the Nutrition Society, 2010, 69, .	1.0	0
115	PP65â€¦What is the Effect of a Behaviour Change Intervention on the Diets and Physical Activity Levels of Women Attending Sure Start Childrenâ€™s Centres in Southampton? Findings from a Non-Randomised Controlled Trial. Journal of Epidemiology and Community Health, 2013, 67, A74.2-A74.	3.7	0
116	OP88â€¦The relationship between the in-store environment of main supermarket and dietary quality among mothers with young children: implications for dietary inequalities. Journal of Epidemiology and Community Health, 2015, 69, A48.1-A48.	3.7	0
117	Commentary on â€œYoung parentsâ€™ views and experiences of interactions with health professionals': tools for engaging and supporting teenage parents to improve their lives. Journal of Family Planning and Reproductive Health Care, 2016, 42, 185-186.	0.8	0
118	OP64â€¦Preconceptional maternal anxiety is associated with childhood emotional problems, independent of the effect of post-natal depression. Journal of Epidemiology and Community Health, 2016, 70, A37.1-A37.	3.7	0
119	OP44â€¦Feeding difficulties and maternal concerns at age 3 years are associated with a decline in childrenâ€™s diet quality to age 6. , 2017, , .		0
120	OP89â€¦Pre-pregnancy and postnatal depressive symptoms are associated with quality of mother-child relationships; longitudinal data from the southampton womenâ€™s survey. , 2017, , .		0
121	Addressing modifiable risk factors in symptomatic breast clinics: The Abreast of Health Study alcohol risk profiles. European Journal of Surgical Oncology, 2018, 44, 896-897.	1.0	0
122	The development of a short food frequency questionnaire to assess diet quality in UK adolescents. Proceedings of the Nutrition Society, 2020, 79, .	1.0	0
123	OP27â€¦Work-related factors that influence retirement decisions in the UK: the health and employment after fifty factors influencing retirement study (HEAF FIRST). , 2021, , .		0
124	OP69â€¦Socio-demographic differences in smoking status and cessation before and during early pregnancy among women in England: an analysis of the national maternity services dataset. , 2021, , .		0
125	The relationship between spatial and in-store food environments and adolescent food purchasing and dietary behaviours: a systematic review. Proceedings of the Nutrition Society, 2021, 80, .	1.0	0
126	â€œIt is really just brilliant to get credits for something that is so important to you!â€•Skills for Life: University studentsâ€™ perceptions of a planned dietary life skills course. PLoS ONE, 2022, 17, e0260890.	2.5	0