

# Sarah R Crozier

## List of Publications by Year in descending order

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Version: 2024-02-01

84  
papers

4,753  
citations

147566

31  
h-index

98622

67  
g-index

86  
all docs

86  
docs citations

86  
times ranked

6475  
citing authors

#	ARTICLE	IF	CITATIONS
1	Before the beginning: nutrition and lifestyle in the preconception period and its importance for future health. <i>Lancet, The</i> , 2018, 391, 1830-1841.	6.3	691
2	Association of Gestational Weight Gain With Adverse Maternal and Infant Outcomes. <i>JAMA - Journal of the American Medical Association</i> , 2019, 321, 1702.	3.8	344
3	Maternal body mass index, gestational weight gain, and the risk of overweight and obesity across childhood: An individual participant data meta-analysis. <i>PLoS Medicine</i> , 2019, 16, e1002744.	3.9	291
4	Women's Dietary Patterns Change Little from Before to During Pregnancy , ,. <i>Journal of Nutrition</i> , 2009, 139, 1956-1963.	1.3	277
5	Low maternal vitamin D status and fetal bone development: Cohort study. <i>Journal of Bone and Mineral Research</i> , 2010, 25, 14-19.	3.1	259
6	Do women change their health behaviours in pregnancy? Findings from the Southampton Women's Survey. <i>Paediatric and Perinatal Epidemiology</i> , 2009, 23, 446-453.	0.8	215
7	Dietary patterns in infancy: the importance of maternal and family influences on feeding practice. <i>British Journal of Nutrition</i> , 2007, 98, 1029-1037.	1.2	213
8	Weight gain in pregnancy and childhood body composition: findings from the Southampton Women's Survey. <i>American Journal of Clinical Nutrition</i> , 2010, 91, 1745-1751.	2.2	196
9	Maternal gestational vitamin D supplementation and offspring bone health (MAVIDOS): a multicentre, double-blind, randomised placebo-controlled trial. <i>Lancet Diabetes and Endocrinology</i> , the, 2016, 4, 393-402.	5.5	188
10	Women's compliance with nutrition and lifestyle recommendations before pregnancy: general population cohort study. <i>BMJ: British Medical Journal</i> , 2009, 338, b481-b481.	2.4	167
11	Maternal vitamin D status in pregnancy is associated with adiposity in the offspring: findings from the Southampton Women's Survey. <i>American Journal of Clinical Nutrition</i> , 2012, 96, 57-63.	2.2	157
12	Influences on the quality of young children's diets: the importance of maternal food choices. <i>British Journal of Nutrition</i> , 2011, 105, 287-296.	1.2	135
13	Modifiable early-life risk factors for childhood adiposity and overweight: an analysis of their combined impact and potential for prevention. <i>American Journal of Clinical Nutrition</i> , 2015, 101, 368-375.	2.2	122
14	Maternal Dietary Patterns During Pregnancy and Childhood Bone Mass: A Longitudinal Study. <i>Journal of Bone and Mineral Research</i> , 2009, 24, 663-668.	3.1	97
15	Influence of maternal obesity on the association between common pregnancy complications and risk of childhood obesity: an individual participant data meta-analysis. <i>The Lancet Child and Adolescent Health</i> , 2018, 2, 812-821.	2.7	93
16	Gestational weight gain charts for different body mass index groups for women in Europe, North America, and Oceania. <i>BMC Medicine</i> , 2018, 16, 201.	2.3	74
17	Dietary patterns in pregnant women: a comparison of food-frequency questionnaires and 4Â prospective diaries. <i>British Journal of Nutrition</i> , 2008, 99, 869-875.	1.2	69
18	Does early onset asthma increase childhood obesity risk? A pooled analysis of 16 European cohorts. <i>European Respiratory Journal</i> , 2018, 52, 1800504.	3.1	67

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19	Maternal dietary glycemic index and glycemic load in early pregnancy are associated with offspring adiposity in childhood: the Southampton Women's Survey. <i>American Journal of Clinical Nutrition</i> , 2014, 100, 676-683.	2.2	59
20	Changes in parental smoking during pregnancy and risks of adverse birth outcomes and childhood overweight in Europe and North America: An individual participant data meta-analysis of 229,000 singleton births. <i>PLoS Medicine</i> , 2020, 17, e1003182.	3.9	54
21	Breastfeeding and reported morbidity during infancy: findings from the Southampton Women's Survey. <i>Maternal and Child Nutrition</i> , 2011, 7, 61-70.	1.4	50
22	Nausea and vomiting in early pregnancy: Effects on food intake and diet quality. <i>Maternal and Child Nutrition</i> , 2017, 13, e12389.	1.4	47
23	Response to Antenatal Cholecalciferol Supplementation Is Associated With Common Vitamin D-Related Genetic Variants. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2017, 102, 2941-2949.	1.8	44
24	Antenatal blood pressure for prediction of pre-eclampsia, preterm birth, and small for gestational age babies: development and validation in two general population cohorts. <i>BMJ</i> , 2015, 351, h5948-h5948.	3.0	41
25	Association of Birth Weight With Type 2 Diabetes and Glycemic Traits. <i>JAMA Network Open</i> , 2019, 2, e1910915.	2.8	41
26	Associations of maternal dietary inflammatory potential and quality with offspring birth outcomes: An individual participant data pooled analysis of 7 European cohorts in the ALPHABET consortium. <i>PLoS Medicine</i> , 2021, 18, e1003491.	3.9	41
27	Tracking of 25-hydroxyvitamin D status during pregnancy: the importance of vitamin D supplementation. <i>American Journal of Clinical Nutrition</i> , 2015, 102, 1081-1087.	2.2	39
28	Breast-feeding and adherence to infant feeding guidelines do not influence bone mass at age 4 years. <i>British Journal of Nutrition</i> , 2009, 102, 915-920.	1.2	38
29	Determinants of the Maternal 25-Hydroxyvitamin D Response to Vitamin D Supplementation During Pregnancy. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2016, 101, 5012-5020.	1.8	38
30	Preconception Maternal Iodine Status Is Positively Associated with IQ but Not with Measures of Executive Function in Childhood. <i>Journal of Nutrition</i> , 2018, 148, 959-966.	1.3	37
31	Gestational Vitamin D Supplementation Leads to Reduced Perinatal RXRA DNA Methylation: Results From the MAVIDOS Trial. <i>Journal of Bone and Mineral Research</i> , 2019, 34, 231-240.	3.1	36
32	Maternal dietary quality, inflammatory potential and childhood adiposity: an individual participant data pooled analysis of seven European cohorts in the ALPHABET consortium. <i>BMC Medicine</i> , 2021, 19, 33.	2.3	35
33	Maternal body mass index: Relation with infant respiratory symptoms and infections. <i>Pediatric Pulmonology</i> , 2017, 52, 1291-1299.	1.0	33
34	Placental uptake and metabolism of 25(OH)vitamin D determine its activity within the fetoplacental unit. <i>ELife</i> , 2022, 11, .	2.8	31
35	Educational attainment, perceived control and the quality of women's diets. <i>Appetite</i> , 2009, 52, 631-636.	1.8	30
36	Maternal Factors Are Associated with the Expression of Placental Genes Involved in Amino Acid Metabolism and Transport. <i>PLoS ONE</i> , 2015, 10, e0143653.	1.1	29

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37	Duration of sleep at 3Âyears of age is associated with fat and fat-free mass at 4Âyears of age: the Southampton Women's Survey. <i>Journal of Sleep Research</i> , 2016, 25, 412-418.	1.7	27
38	The Effect of Vitamin D Supplementation on Hepcidin, Iron Status, and Inflammation in Pregnant Women in the United Kingdom. <i>Nutrients</i> , 2019, 11, 190.	1.7	25
39	The EU Child Cohort Network's core data: establishing a set of findable, accessible, interoperable and re-usable (FAIR) variables. <i>European Journal of Epidemiology</i> , 2021, 36, 565-580.	2.5	24
40	Childhood Fat and Lean Mass. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2018, 38, 2528-2537.	1.1	22
41	Assessing diets of 3-year-old children: evaluation of an FFQ. <i>Public Health Nutrition</i> , 2014, 17, 1069-1077.	1.1	21
42	Deriving the Dietary Approaches to Stop Hypertension (DASH) Score in Women from Seven Pregnancy Cohorts from the European ALPHABET Consortium. <i>Nutrients</i> , 2019, 11, 2706.	1.7	20
43	Measured weight in early pregnancy is a valid method for estimating pre-pregnancy weight. <i>Journal of Developmental Origins of Health and Disease</i> , 2021, 12, 561-569.	0.7	19
44	Greater access to healthy food outlets in the home and school environment is associated with better dietary quality in young children. <i>Public Health Nutrition</i> , 2017, 20, 3316-3325.	1.1	18
45	Longitudinal changes in lean mass predict pQCT measures of tibial geometry and mineralisation at 6-7years. <i>Bone</i> , 2015, 75, 105-110.	1.4	17
46	Does early introduction of solid feeding lead to early cessation of breastfeeding?. <i>Maternal and Child Nutrition</i> , 2020, 16, e12944.	1.4	16
47	Altering product placement to create a healthier layout in supermarkets: Outcomes on store sales, customer purchasing, and diet in a prospective matched controlled cluster study. <i>PLoS Medicine</i> , 2021, 18, e1003729.	3.9	14
48	Longitudinal dietary trajectories from preconception to mid-childhood in women and children in the Southampton Women's Survey and their relation to offspring adiposity: a group-based trajectory modelling approach. <i>International Journal of Obesity</i> , 2022, 46, 758-766.	1.6	14
49	Association of early childhood abdominal circumference and weight gain with blood pressure at 36 months of age: secondary analysis of data from a prospective cohort study. <i>BMJ Open</i> , 2014, 4, e005412-e005412.	0.8	13
50	The association between crowding within households and behavioural problems in children: Longitudinal data from the Southampton Women's Survey. <i>Paediatric and Perinatal Epidemiology</i> , 2019, 33, 195-203.	0.8	12
51	A discussion of statistical methods to characterise early growth and its impact on bone mineral content later in childhood. <i>Annals of Human Biology</i> , 2019, 46, 17-26.	0.4	12
52	Relation of placental alkaline phosphatase expression in human term placenta with maternal and offspring fat mass. <i>International Journal of Obesity</i> , 2018, 42, 1202-1210.	1.6	11
53	Bone turnover in pregnancy, measured by urinary CTX, is influenced by vitamin D supplementation and is associated with maternal bone health: findings from the Maternal Vitamin D Osteoporosis Study (MAVIDOS) trial. <i>American Journal of Clinical Nutrition</i> , 2021, 114, 1600-1611.	2.2	10
54	Pregnancy Vitamin D Supplementation and Childhood Bone Mass at Age 4%Years: Findings From the Maternal Vitamin D Osteoporosis Study (MAVIDOS) Randomized Controlled Trial. <i>JBMR Plus</i> , 2022, 6, .	1.3	10

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55	Maternal diet in pregnancy and child's respiratory outcomes: an individual participant data meta-analysis of 18â€S000 children. <i>European Respiratory Journal</i> , 2022, 59, 2101315.	3.1	9
56	Arachidonic acid and DHA status in pregnant women is not associated with cognitive performance of their children at 4 or 6â€7 years. <i>British Journal of Nutrition</i> , 2018, 119, 1400-1407.	1.2	8
57	Vegetarian Diet during Pregnancy Is Not Associated with Poorer Cognitive Performance in Children at Age 6â€7 Years. <i>Nutrients</i> , 2019, 11, 3029.	1.7	6
58	Development of a short food frequency questionnaire to assess diet quality in UK adolescents using the National Diet and Nutrition Survey. <i>Nutrition Journal</i> , 2021, 20, 5.	1.5	6
59	Prospective associations of maternal choline status with offspring body composition in the first 5 years of life in two large motherâ€offspring cohorts: the Southampton Womenâ€™s Survey cohort and the Growing Up in Singapore Towards healthy Outcomes cohort. <i>International Journal of Epidemiology</i> , 2019, 48, 433-444.	0.9	5
60	Fetal growth does not modify the relationship of infant weight gain with childhood adiposity and blood pressure in the Southampton womenâ€™s survey. <i>Annals of Human Biology</i> , 2020, 47, 150-158.	0.4	5
61	Protocol of a natural experiment to evaluate a supermarket intervention to improve food purchasing and dietary behaviours of women (WRAPPED study) in England: a prospective matched controlled cluster design. <i>BMJ Open</i> , 2020, 10, e036758.	0.8	5
62	Womenâ€™s perceptions of factors influencing their food shopping choices and how supermarkets can support them to make healthier choices. <i>BMC Public Health</i> , 2021, 21, 1070.	1.2	4
63	Is the skull responsive to bone mineralisation stimuli in children?. <i>Bone</i> , 2022, 160, 116415.	1.4	4
64	Associations Between Late Pregnancy Dietary Inflammatory Index (DII) and Offspring Bone Mass: A Meta-Analysis of the Southampton Women's Survey (SWS) and the Avon Longitudinal Study of Parents and Children (ALSPAC). <i>Journal of Bone and Mineral Research</i> , 2020, 37, 1511-1519.	3.1	4
65	Predictors of maternal dietary quality and dietary inflammation during pregnancy: An individual participant data meta-analysis of seven European cohorts from the ALPHABET consortium. <i>Clinical Nutrition</i> , 2022, 41, 1991-2002.	2.3	4
66	Resources in women's social networks for food shopping are more strongly associated with better dietary quality than people: A cross-sectional study. <i>Social Science and Medicine</i> , 2021, 284, 114228.	1.8	3
67	Faltering of prenatal growth precedes the development of atopic eczema in infancy: cohort study. <i>Clinical Epidemiology</i> , 2018, Volume 10, 1851-1864.	1.5	2
68	The Effects of Different Smoking Patterns in Pregnancy on Perinatal Outcomes in the Southampton Womenâ€™s Survey. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 7991.	1.2	2
69	Is a â€prudentâ€™ pattern of eating in pregnancy associated with adiposity in early childhood? Findings from the Southampton Women's Survey. <i>Proceedings of the Nutrition Society</i> , 2008, 67, .	0.4	1
70	Early introduction of solid feeding and early cessation of breastfeeding. <i>Maternal and Child Nutrition</i> , 2020, 16, e13049.	1.4	1
71	Placental polar lipid composition is associated with placental gene expression and neonatal body composition. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2021, 1866, 158971.	1.2	1
72	157.â€fPERINATAL DNA METHYLATION AT THE RXRA PROMOTER IS ASSOCIATED WITH GESTATIONAL VITAMIN D SUPPLEMENTATION: RESULTS FROM THE MAVIDOS TRIAL. <i>Rheumatology</i> , 2017, 56, .	0.9	0

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73	O29â€fBone turnover in pregnancy, measured by urinary C-terminal telopeptide of type I collagen (CTX), is influenced by vitamin D supplementation and is associated with maternal bone health: findings from the MAVIDOS trial. Rheumatology, 2019, 58, .	0.9	0
74	O13â€fPregnancy vitamin D supplementation leads to greater offspring bone mineral density at 4 years: the MAVIDOS randomised placebo controlled trial. Rheumatology, 2020, 59, .	0.9	0
75	The development of a short food frequency questionnaire to assess diet quality in UK adolescents. Proceedings of the Nutrition Society, 2020, 79, .	0.4	0
76	Childhood vascular phenotypes have differing associations with prenatal and postnatal growth. Journal of Hypertension, 2021, 39, 1884-1892.	0.3	0
77	P107â€...Womenâ€™s reactions to the COVID-19 food system shock and insights for strategies supporting healthy purchasing and dietary behaviours: a qualitative study. , 2021, , .		0
78	Title is missing!. , 2020, 17, e1003182.		0
79	Title is missing!. , 2020, 17, e1003182.		0
80	Title is missing!. , 2020, 17, e1003182.		0
81	Title is missing!. , 2020, 17, e1003182.		0
82	Title is missing!. , 2020, 17, e1003182.		0
83	Title is missing!. , 2020, 17, e1003182.		0
84	Peri-conceptional diet patterns and the risk of gestational diabetes mellitus in South Indian women. Public Health Nutrition, 2023, 26, 779-791.	1.1	0