

Carmel T Collins

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

55
papers

1,469
citations

16
h-index

38
g-index

58
ext. papers

1,786
ext. citations

5.2
avg, IF

4.27
L-index

#	Paper	IF	Citations
55	Neurodevelopmental outcomes of preterm infants fed high-dose docosahexaenoic acid: a randomized controlled trial. <i>JAMA - Journal of the American Medical Association</i> , 2009 , 301, 175-82	27.4	266
54	Infant growth before and after term: effects on neurodevelopment in preterm infants. <i>Pediatrics</i> , 2011 , 128, e899-906	7.4	200
53	A Systematic Review and Meta-Analysis of Human Milk Feeding and Morbidity in Very Low Birth Weight Infants. <i>Nutrients</i> , 2018 , 10,	6.7	146
52	High-dose docosahexaenoic acid supplementation of preterm infants: respiratory and allergy outcomes. <i>Pediatrics</i> , 2011 , 128, e71-7	7.4	95
51	Effect of bottles, cups, and dummies on breast feeding in preterm infants: a randomised controlled trial. <i>BMJ, The</i> , 2004 , 329, 193-8	5.9	89
50	Docosahexaenoic Acid and Bronchopulmonary Dysplasia in Preterm Infants. <i>New England Journal of Medicine</i> , 2017 , 376, 1245-1255	59.2	87
49	Neurodevelopmental outcomes at 7 years\corrected age in preterm infants who were fed high-dose docosahexaenoic acid to term equivalent: a follow-up of a randomised controlled trial. <i>BMJ Open</i> , 2015 , 5, e007314	3	64
48	Impact of fatty acid status on growth and neurobehavioural development in humans. <i>Maternal and Child Nutrition</i> , 2011 , 7 Suppl 2, 80-8	3.4	61
47	Effect of increasing protein content of human milk fortifier on growth in preterm infants born at . <i>American Journal of Clinical Nutrition</i> , 2012 , 95, 648-55	7	58
46	An evaluation of the satisfaction of midwives\working in midwifery group practice. <i>Midwifery</i> , 2010 , 26, 435-41	2.8	56
45	Feeding preterm infants milk with a higher dose of docosahexaenoic acid than that used in current practice does not influence language or behavior in early childhood: a follow-up study of a randomized controlled trial. <i>American Journal of Clinical Nutrition</i> , 2010 , 91, 628-34	7	54
44	Pre- and post-term growth in pre-term infants supplemented with higher-dose DHA: a randomised controlled trial. <i>British Journal of Nutrition</i> , 2011 , 105, 1635-43	3.6	27
43	The N3RO trial: a randomised controlled trial of docosahexaenoic acid to reduce bronchopulmonary dysplasia in preterm infants . <i>BMC Pediatrics</i> , 2016 , 16, 72	2.6	21
42	Acupuncture or acupressure for pain management during labour. <i>The Cochrane Library</i> , 2020 , 2, CD009232	3.2	19
41	Human milk intake in preterm infants and neurodevelopment at 18 months corrected age. <i>Pediatric Research</i> , 2016 , 80, 486-92	3.2	19
40	Long-term effect of high-dose supplementation with DHA on visual function at school age in children born at . <i>American Journal of Clinical Nutrition</i> , 2016 , 103, 268-75	7	18
39	Carbohydrate intake is the main determinant of growth in infants born . <i>Nutrition</i> , 2008 , 24, 451-7	4.8	15

38	Protein Intake and Growth in Preterm Infants: A Systematic Review. <i>Global Pediatric Health</i> , 2014 , 1, 2333-294X14554698		
37	Higher protein and energy intake is associated with increased weight gain in pre-term infants. <i>Journal of Paediatrics and Child Health</i> , 2010 , 46, 96-102	1.3	11
36	Changes in the Composition of the Gut Microbiota and the Blood Transcriptome in Preterm Infants at Less than 29 Weeks Gestation Diagnosed with Bronchopulmonary Dysplasia. <i>MSystems</i> , 2019 , 4,	7.6	11
35	Can the Bayley Scales of Infant Development at 18 months predict child behaviour at 7 years?. <i>Journal of Paediatrics and Child Health</i> , 2019 , 55, 74-81	1.3	10
34	Avoidance of bottles during the establishment of breast feeds in preterm infants. <i>The Cochrane Library</i> , 2016 , 10, CD005252	5.2	9
33	The Effect of Increasing the Protein Content of Human Milk Fortifier to 1.8 g/100 mL on Growth in Preterm Infants: A Randomised Controlled Trial. <i>Nutrients</i> , 2018 , 10,	6.7	9
32	Understanding motivations for dietary supplementation during pregnancy: A focus group study. <i>Midwifery</i> , 2018 , 57, 59-68	2.8	9
31	Targeting inflammation in the preterm infant: The role of the omega-3 fatty acid docosahexaenoic acid. <i>Journal of Nutrition & Intermediary Metabolism</i> , 2016 , 5, 55-60	2.8	8
30	Avoidance of bottles during the establishment of breast feeds in preterm infants. <i>Cochrane Database of Systematic Reviews</i> , 2016 , 9, CD005252		8
29	Assessing whether early attention of very preterm infants can be improved by an omega-3 long-chain polyunsaturated fatty acid intervention: a follow-up of a randomised controlled trial. <i>BMJ Open</i> , 2018 , 8, e020043	3	8
28	Accounting for twin births in sample size calculations for randomised trials. <i>Paediatric and Perinatal Epidemiology</i> , 2018 , 32, 380-387	2.7	7
27	Safety and efficacy of human milk-based fortifier in enterally fed preterm and/or low birthweight infants: a systematic review and meta-analysis. <i>Archives of Disease in Childhood: Fetal and Neonatal Edition</i> , 2021 , 106, 137-142	4.7	7
26	Intravenous fat induces changes in PUFA and their bioactive metabolites: Comparison between Japanese and Australian preterm infants. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 2020 , 156, 102026	2.8	6
25	Docosahexaenoic acid supplementation of preterm infants and parent-reported symptoms of allergic disease at 7 years corrected age: follow-up of a randomized controlled trial. <i>American Journal of Clinical Nutrition</i> , 2019 , 109, 1600-1610	7	5
24	Does early compared to late fortification of human milk for preterm infants improve clinical outcomes?. <i>Journal of Paediatrics and Child Health</i> , 2019 , 55, 867-872	1.3	5
23	Promoting early expression of breast milk in mothers of preterm infants in a neonatal unit: a best practice implementation project. <i>JBI Database of Systematic Reviews and Implementation Reports</i> , 2018 , 16, 2027-2037	1.6	5
22	The role of long chain polyunsaturated fatty acids in perinatal nutrition. <i>Seminars in Perinatology</i> , 2019 , 43, 151156	3.3	4
21	Association of Poor Postnatal Growth with Neurodevelopmental Impairment in Infancy and Childhood: Comparing the Fetus and the Healthy Preterm Infant References. <i>Journal of Pediatrics</i> , 2020 , 225, 37-43.e5	3.6	4

20	Comparison of different protein concentrations of human milk fortifier for promoting growth and neurological development in preterm infants. <i>The Cochrane Library</i> , 2020 , 11, CD007090	5.2	4
19	DHA supplementation in infants born preterm and the effect on attention at 18 months\corrected age: follow-up of a subset of the N3RO randomised controlled trial. <i>British Journal of Nutrition</i> , 2021 , 125, 420-431	3.6	4
18	Comparison of breast milk fatty acid composition from mothers of premature infants of three countries using novel dried milk spot technology. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 2018 , 139, 3-8	2.8	4
17	Dietary Protein Intake, Breast Feeding and Growth in Human Milk Fed Preterm Infants. <i>International Journal of Environmental Research and Public Health</i> , 2018 , 15,	4.6	3
16	The efficacy and safety of peripheral intravenous parenteral nutrition vs 10% glucose in preterm infants born 30 to 33 weeks\gestation: a randomised controlled trial. <i>BMC Pediatrics</i> , 2020 , 20, 384	2.6	3
15	Consequences of using chronological age versus corrected age when testing cognitive and motor development in infancy and intelligence quotient at school age for children born preterm. <i>PLoS ONE</i> , 2021 , 16, e0256824	3.7	3
14	Does maternal smoking in pregnancy explain the differences in the body composition trajectory between breastfed and formula-fed infants?. <i>British Journal of Nutrition</i> , 2020 , 123, 402-409	3.6	2
13	Oxylipins and Free Fatty Acids in Parenteral Lipid Emulsions Currently Used in Preterm Infant Care: An In Vitro Study. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2019 , 69, 231-234	2.8	2
12	Vitamin D supplementation for prevention of vitamin D deficiency in preterm and low birth weight infants. <i>The Cochrane Library</i> , 2015 ,	5.2	1
11	Early versus delayed introduction of human milk fortification in enterally fed preterm infants: A systematic review and meta-analysis. <i>Journal of Paediatrics and Child Health</i> , 2021 ,	1.3	1
10	Top 10 research priorities for human milk banking and use of donor human milk: A partnership between parents and clinicians. <i>Journal of Paediatrics and Child Health</i> , 2020 , 56, 770-776	1.3	1
9	A Systematic Review and Meta-Analysis of Human Milk Feeding and Short-Term Growth in Preterm and Very Low Birth Weight Infants. <i>Nutrients</i> , 2021 , 13,	6.7	1
8	Effect of parenteral lipid emulsion on preterm infant PUFAs and their downstream metabolites. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 2021 , 164, 102217	2.8	1
7	Protocol for assessing whether cognition of preterm infants . <i>BMJ Open</i> , 2021 , 11, e041597	3	1
6	Polyunsaturated Fatty Acids: Metabolism and Nutritional Requirements in Pregnancy and Infancy 2018 , 111-134		1
5	Avoidance of bottles during the establishment of breastfeeds in preterm infants. <i>The Cochrane Library</i> , 2021 , 10, CD005252	5.2	0
4	Protocol for assessing if behavioural functioning of infants born . <i>BMJ Open</i> , 2021 , 11, e044740	3	0
3	Cochrane Review: Avoidance of bottles during the establishment of breast feeds in preterm infants. <i>Evidence-Based Child Health: A Cochrane Review Journal</i> , 2010 , 5, 118-148		

- 2 Diathesis-stress or differential susceptibility? Comparing the theories when determining the outcomes for children born before 33 weeks gestation.. *Acta Psychologica*, **2022**, 224, 103533 1.7
- 1 The Role of Long-Chain Polyunsaturated Fatty Acids in Very Preterm Nutrition.. *Nestle Nutrition Institute Workshop Series*, **2021**, 96, 107-115 1.9