

Karen Simmer

List of Publications by Year in descending order

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Version: 2024-02-01

80
papers

3,735
citations

172386

29
h-index

143943

57
g-index

80
all docs

80
docs citations

80
times ranked

4104
citing authors

#	ARTICLE	IF	CITATIONS
1	Oxygen Saturation and Outcomes in Preterm Infants. <i>New England Journal of Medicine</i> , 2013, 368, 2094-2104.	13.9	424
2	Neurodevelopmental Outcomes of Preterm Infants Fed High-Dose Docosahexaenoic Acid. <i>JAMA - Journal of the American Medical Association</i> , 2009, 301, 175.	3.8	329
3	Delayed versus Immediate Cord Clamping in Preterm Infants. <i>New England Journal of Medicine</i> , 2017, 377, 2445-2455.	13.9	228
4	Innate immunity in human newborn infants: prematurity means more than immaturity. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2011, 24, 25-31.	0.7	195
5	A Critical Appraisal of the Role of Dietary Long-Chain Polyunsaturated Fatty Acids on Neural Indices of Term Infants: A Randomized, Controlled Trial. <i>Pediatrics</i> , 2000, 105, 32-38.	1.0	181
6	Outcomes of Two Trials of Oxygen-Saturation Targets in Preterm Infants. <i>New England Journal of Medicine</i> , 2016, 374, 749-760.	13.9	161
7	The Effects of Fish Oil Supplementation in Pregnancy on Breast Milk Fatty Acid Composition Over the Course of Lactation: A Randomized Controlled Trial. <i>Pediatric Research</i> , 2007, 62, 689-694.	1.1	147
8	Long chain polyunsaturated fatty acid supplementation in infants born at term. <i>The Cochrane Library</i> , 2017, 2017, CD000376.	1.5	147
9	Longchain polyunsaturated fatty acid supplementation in preterm infants. <i>The Cochrane Library</i> , 2017, 2017, CD000375.	1.5	124
10	Effect of Bifidobacterium breve M-16V Supplementation on Fecal Bifidobacteria in Preterm Neonates - A Randomised Double Blind Placebo Controlled Trial. <i>PLoS ONE</i> , 2014, 9, e89511.	1.1	92
11	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-e007314.	0.8	84
12	Levels of innate immune factors in preterm and term mothers' breast milk during the 1st month postpartum. <i>British Journal of Nutrition</i> , 2016, 115, 1178-1193.	1.2	78
13	Leukocyte Populations in Human Preterm and Term Breast Milk Identified by Multicolour Flow Cytometry. <i>PLoS ONE</i> , 2015, 10, e0135580.	1.1	75
14	<i>FADS1</i> and <i>FADS2</i> Polymorphisms Modulate Fatty Acid Metabolism and Dietary Impact on Health. <i>Annual Review of Nutrition</i> , 2019, 39, 21-44.	4.3	72
15	Dietary Long-Chain Polyunsaturated Fatty Acids Do Not Influence Growth of Term Infants: A Randomized Clinical Trial. <i>Pediatrics</i> , 1999, 104, 468-475.	1.0	70
16	Fish Oil (SMOFlipid) and Olive Oil Lipid (Clinoleic) in Very Preterm Neonates. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2014, 58, 177-182.	0.9	69
17	Longchain polyunsaturated fatty acid supplementation in preterm infants. , 2011, , CD000375.		68
18	Erythrocyte fatty acids of term infants fed either breast milk, standard formula, or formula supplemented with long-chain polyunsaturates. <i>Lipids</i> , 1995, 30, 941-948.	0.7	65

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19	Antimicrobial Protein and Peptide Concentrations and Activity in Human Breast Milk Consumed by Preterm Infants at Risk of Late-Onset Neonatal Sepsis. <i>PLoS ONE</i> , 2015, 10, e0117038.	1.1	62
20	Effects of high-dose fish oil supplementation during early infancy on neurodevelopment and language: a randomised controlled trial. <i>British Journal of Nutrition</i> , 2012, 108, 1443-1454.	1.2	61
21	Longchain polyunsaturated fatty acid supplementation in infants born at term. , 2011, , CD000376.		58
22	Longchain polyunsaturated fatty acid supplementation in infants born at term. , 2008, , CD000376.		53
23	Neonatal immune responses to coagulase-negative staphylococci. <i>Current Opinion in Infectious Diseases</i> , 2007, 20, 370-375.	1.3	51
24	Comparing different methods of human breast milk fortification using measured <i>v</i>. assumed macronutrient composition to target reference growth: a randomised controlled trial. <i>British Journal of Nutrition</i> , 2016, 115, 431-439.	1.2	47
25	Phagocytosis of neonatal pathogens by peripheral blood neutrophils and monocytes from newborn preterm and term infants. <i>Pediatric Research</i> , 2013, 74, 503-510.	1.1	46
26	Time to Full Enteral Feeding for Very Lowâ€Birthâ€Weight Infants Varies Markedly Among Hospitals Worldwide But May Not Be Associated With Incidence of Necrotizing Enterocolitis: The NEOMUNEâ€NeoNutriNet Cohort Study. <i>Journal of Parenteral and Enteral Nutrition</i> , 2019, 43, 658-667.	1.3	42
27	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, 1635-1643.	1.2	37
28	Lipids for parenteral nutrition in neonates. <i>Current Opinion in Clinical Nutrition and Metabolic Care</i> , 2011, 14, 145-150.	1.3	36
29	Early Use of Antibiotics Is Associated with a Lower Incidence of Necrotizing Enterocolitis in Preterm, Very Low Birth Weight Infants: The NEOMUNE-NeoNutriNet Cohort Study. <i>Journal of Pediatrics</i> , 2020, 227, 128-134.e2.	0.9	36
30	Exposure to chorioamnionitis alters the monocyte transcriptional response to the neonatal pathogen <i>Staphylococcus epidermidis</i>. <i>Immunology and Cell Biology</i> , 2018, 96, 792-804.	1.0	35
31	Maternal Fish Oil Supplementation in Pregnancy: A 12 Year Follow-Up of a Randomised Controlled Trial. <i>Nutrients</i> , 2015, 7, 2061-2067.	1.7	34
32	Aggressive nutrition for preterm infantsâ€™Benefits and risks. <i>Early Human Development</i> , 2007, 83, 631-634.	0.8	33
33	Effects of lactoferrin on neonatal pathogens and <i>Bifidobacterium breve</i> in human breast milk. <i>PLoS ONE</i> , 2018, 13, e0201819.	1.1	33
34	Human milk intake in preterm infants and neurodevelopment at 18 months corrected age. <i>Pediatric Research</i> , 2016, 80, 486-492.	1.1	26
35	Duration of anaemia during the first week of life is an independent risk factor for retinopathy of prematurity. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2018, 107, 759-766.	0.7	26
36	The N3RO trial: a randomised controlled trial of docosahexaenoic acid to reduce bronchopulmonary dysplasia in preterm infants <â€™%29â€™weeksâ€™™ gestation. <i>BMC Pediatrics</i> , 2016, 16, 72.	0.7	25

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37	Achieving definitive results in long-chain polyunsaturated fatty acid supplementation trials of term infants: factors for consideration. <i>Nutrition Reviews</i> , 2011, 69, 205-214.	2.6	24
38	Standardised Parenteral Nutrition. <i>Nutrients</i> , 2013, 5, 1058-1070.	1.7	24
39	Effects of delayed versus immediate umbilical cord clamping in reducing death or major disability at 2 years corrected age among very preterm infants (APTS): a multicentre, randomised clinical trial. <i>The Lancet Child and Adolescent Health</i> , 2022, 6, 150-157.	2.7	23
40	Does docosahexaenoic acid supplementation in term infants enhance neurocognitive functioning in infancy?. <i>Frontiers in Human Neuroscience</i> , 2013, 7, 774.	1.0	20
41	Characterization of Fatty Acid Clearance in Premature Neonates during Intralipid Infusion. <i>Pediatric Research</i> , 1998, 43, 245-249.	1.1	20
42	Histological chorioamnionitis and developmental outcomes in very preterm infants. <i>Journal of Perinatology</i> , 2019, 39, 321-330.	0.9	19
43	Feasibility study: Assessing the influence of macronutrient intakes on preterm body composition, using air displacement plethysmography. <i>Journal of Paediatrics and Child Health</i> , 2015, 51, 862-869.	0.4	18
44	Preterm Infant Feeding: A Mechanistic Comparison between a Vacuum Triggered Novel Teat and Breastfeeding. <i>Nutrients</i> , 2018, 10, 376.	1.7	17
45	Effects of maturation and size on population pharmacokinetics of pentoxifylline and its metabolites in very preterm infants with suspected late-onset sepsis or necrotizing enterocolitis: a pilot study incorporating clinical outcomes. <i>British Journal of Clinical Pharmacology</i> , 2019, 85, 147-159.	1.1	17
46	Associations of Maternal Milk Feeding With Neurodevelopmental Outcomes at 7 Years of Age in Former Preterm Infants. <i>JAMA Network Open</i> , 2022, 5, e2221608.	2.8	17
47	NOD1 and NOD2 expression and function in very preterm infant mononuclear cells. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2014, 103, e212-e218.	0.7	14
48	Plasma cytokine profiles in very preterm infants with late-onset sepsis. <i>PLoS ONE</i> , 2020, 15, e0232933.	1.1	13
49	The Use of Postnatal Weight Gain Algorithms to Predict Severe or Type 1 Retinopathy of Prematurity. <i>JAMA Network Open</i> , 2021, 4, e2135879.	2.8	13
50	Voice problems in school-aged children following very preterm birth. <i>Archives of Disease in Childhood</i> , 2016, 101, 556-560.	1.0	12
51	Probiotics and antimicrobial protein and peptide levels in preterm infants. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2017, 106, 1747-1753.	0.7	12
52	A clinical audit of the growth of preterm infants fed predominantly pasteurised donor human milk v. those fed mother's own milk in the neonatal intensive care unit. <i>British Journal of Nutrition</i> , 2019, 121, 1018-1025.	1.2	12
53	Maternal Chorioamnionitis and Postneonatal Respiratory Tract Infection in Ex-Preterm Infants. <i>Journal of Pediatrics</i> , 2017, 184, 62-67.e2.	0.9	11
54	Dysphonia in preterm children: Assessing incidence and response to treatment. <i>Contemporary Clinical Trials</i> , 2014, 37, 170-175.	0.8	10

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55	Laryngeal pathology at school age following very preterm birth. <i>International Journal of Pediatric Otorhinolaryngology</i> , 2015, 79, 398-404.	0.4	10
56	Fish-oil supplementation: the controversy continues. <i>American Journal of Clinical Nutrition</i> , 2016, 103, 1-2.	2.2	10
57	Identification of generic and pathogen-specific cord blood monocyte transcriptomes reveals a largely conserved response in preterm and term newborn infants. <i>Journal of Molecular Medicine</i> , 2018, 96, 147-157.	1.7	9
58	Utilization of docosahexaenoic acid from intravenous egg yolk phospholipid. <i>Lipids</i> , 2000, 35, 383-388.	0.7	7
59	A Randomized, Controlled Trial of Behavioral Voice Therapy for Dysphonia Related to Prematurity of Birth. <i>Journal of Voice</i> , 2017, 31, 247.e9-247.e17.	0.6	7
60	Human Milk Fortification. <i>Nestle Nutrition Institute Workshop Series</i> , 2015, 81, 111-121.	1.5	7
61	Probiotic supplementation in neonates with major gastrointestinal surgical conditions: a systematic review. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2018, 31, 1517-1523.	0.7	6
62	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.	2.2	6
63	Protocol for assessing whether cognition of preterm infants <29 weeks gestation can be improved by an intervention with the omega-3 long-chain polyunsaturated fatty acid docosahexaenoic acid (DHA): a follow-up of a randomised controlled trial. <i>BMJ Open</i> , 2021, 11, e041597.	0.8	6
64	Protocol for assessing if behavioural functioning of infants born <29 weeks gestation is improved by omega-3 long-chain polyunsaturated fatty acids: follow-up of a randomised controlled trial. <i>BMJ Open</i> , 2021, 11, e044740.	0.8	6
65	Do infants of breast-feeding mothers benefit from additional long-chain PUFA from fish oil? A 6-year follow-up. <i>British Journal of Nutrition</i> , 2020, 124, 701-708.	1.2	4
66	Use of parenteral nutrition in term and late preterm infants: an Australian and New Zealand survey. <i>British Journal of Nutrition</i> , 2021, , 1-8.	1.2	3
67	Intubation-Related Dysphonia Following Extreme Preterm Birth: Case Studies in Behavioural Voice Intervention. <i>Perspectives on Voice and Voice Disorders</i> , 2014, 24, 124-129.	0.3	3
68	Composition of early life leukocyte populations in preterm infants with and without late-onset sepsis. <i>PLoS ONE</i> , 2022, 17, e0264768.	1.1	2
69	Implementation of the Ten Steps to Successful Breastfeeding programme in DR Congo. <i>The Lancet Global Health</i> , 2015, 3, e506-e507.	2.9	1
70	Plasma secretory phospholipase A2 as an early marker for late-onset sepsis in preterm infants—a pilot study. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2021, 110, 3011-3013.	0.7	1
71	Telephone-based peer support increased the duration of breast-feeding in primiparous mothers. <i>ACP Journal Club</i> , 2002, 137, 68.	0.1	1
72	Postnatal weight gain in very preterm infants: are we aiming too high?. <i>The Lancet Child and Adolescent Health</i> , 2021, 5, 683-685.	2.7	0

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73	Aggressive Parenteral Nutrition. , 2013, , 253-266.		0
74	Aluminium in Infancy. , 1998, , 85-94.		0
75	Telephone-based peer support increased the duration of breast-feeding in primiparous mothers. ACP Journal Club, 2002, 137, 68.	0.1	0
76	Plasma cytokine profiles in very preterm infants with late-onset sepsis. , 2020, 15, e0232933.		0
77	Plasma cytokine profiles in very preterm infants with late-onset sepsis. , 2020, 15, e0232933.		0
78	Plasma cytokine profiles in very preterm infants with late-onset sepsis. , 2020, 15, e0232933.		0
79	Plasma cytokine profiles in very preterm infants with late-onset sepsis. , 2020, 15, e0232933.		0
80	Zinc supplements increased growth more in stunted infants than in nonstunted infants. ACP Journal Club, 2001, 134, 67.	0.1	0