

# Johannes Bernard van Goudoever

## List of Publications by Citations

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326  
papers

10,586  
citations

50  
h-index

88  
g-index

352  
ext. papers

13,030  
ext. citations

4.4  
avg, IF

6.15  
L-index

#	Paper	IF	Citations
326	Meta-analysis of neurobehavioral outcomes in very preterm and/or very low birth weight children. <i>Pediatrics</i> , <b>2009</b> , 124, 717-28	7.4	1073
325	Muc2-deficient mice spontaneously develop colitis, indicating that MUC2 is critical for colonic protection. <i>Gastroenterology</i> , <b>2006</b> , 131, 117-29	13.3	1003
324	The regulation of intestinal mucin MUC2 expression by short-chain fatty acids: implications for epithelial protection. <i>Biochemical Journal</i> , <b>2009</b> , 420, 211-9	3.8	310
323	Cognitive Outcomes of Children Born Extremely or Very Preterm Since the 1990s and Associated Risk Factors: A Meta-analysis and Meta-regression. <i>JAMA Pediatrics</i> , <b>2018</b> , 172, 361-367	8.3	205
322	Amino acid administration to premature infants directly after birth. <i>Journal of Pediatrics</i> , <b>2005</b> , 147, 457-566	5.6	167
321	Structural position and amount of palmitic acid in infant formulas: effects on fat, fatty acid, and mineral balance. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , <b>1996</b> , 23, 553-60	2.8	148
320	Critical systematic review of the level of evidence for routine use of probiotics for reduction of mortality and prevention of necrotizing enterocolitis and sepsis in preterm infants. <i>Clinical Nutrition</i> , <b>2012</b> , 31, 6-15	5.9	139
319	Perinatal programming of adult hippocampal structure and function; emerging roles of stress, nutrition and epigenetics. <i>Trends in Neurosciences</i> , <b>2013</b> , 36, 621-31	13.3	131
318	Intake of own mother's milk during the first days of life is associated with decreased morbidity and mortality in very low birth weight infants during the first 60 days of life. <i>Neonatology</i> , <b>2012</b> , 102, 276-81 <sup>4</sup>	4	124
317	The effect of cumulative energy and protein deficiency on anthropometric parameters in a pediatric ICU population. <i>Clinical Nutrition</i> , <b>2004</b> , 23, 1381-9	5.9	120
316	Taking up the challenge of measuring prolonged pain in (premature) neonates: the COMFORTneo scale seems promising. <i>Clinical Journal of Pain</i> , <b>2009</b> , 25, 607-16	3.5	119
315	Probiotics for the Prevention of Antibiotic-Associated Diarrhea in Children. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , <b>2016</b> , 62, 495-506	2.8	117
314	Threonine utilization is high in the intestine of piglets. <i>Journal of Nutrition</i> , <b>2005</b> , 135, 765-70	4.1	103
313	Methionine transmethylation and transsulfuration in the piglet gastrointestinal tract. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2007</b> , 104, 3408-13	11.5	102
312	Ontogeny of human hepatic and intestinal transporter gene expression during childhood: age matters. <i>Drug Metabolism and Disposition</i> , <b>2014</b> , 42, 1268-74	4	101
311	Safety and efficacy of early parenteral lipid and high-dose amino acid administration to very low birth weight infants. <i>Journal of Pediatrics</i> , <b>2013</b> , 163, 638-44.e1-5	3.6	99
310	The profile of executive function in very preterm children at 4 to 12 years. <i>Developmental Medicine and Child Neurology</i> , <b>2012</b> , 54, 247-53	3.3	95

309	Nutrition During Pregnancy, Lactation and Early Childhood and its Implications for Maternal and Long-Term Child Health: The Early Nutrition Project Recommendations. <i>Annals of Nutrition and Metabolism</i> , <b>2019</b> , 74, 93-106	4.5	94
308	Effect of Donor Milk on Severe Infections and Mortality in Very Low-Birth-Weight Infants: The Early Nutrition Study Randomized Clinical Trial. <i>JAMA Pediatrics</i> , <b>2016</b> , 170, 654-61	8.3	92
307	Parenteral lipid administration to very-low-birth-weight infants--early introduction of lipids and use of new lipid emulsions: a systematic review and meta-analysis. <i>American Journal of Clinical Nutrition</i> , <b>2012</b> , 96, 255-68	7	85
306	Probiotics for Preterm Infants: A Strain-Specific Systematic Review and Network Meta-analysis. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , <b>2018</b> , 67, 103-122	2.8	83
305	The high metabolic cost of a functional gut. <i>Gastroenterology</i> , <b>2002</b> , 123, 1931-40	13.3	82
304	Human Fetal TNF- $\beta$ Cytokine-Producing CD4 Effector Memory T Cells Promote Intestinal Development and Mediate Inflammation Early in Life. <i>Immunity</i> , <b>2019</b> , 50, 462-476.e8	32.3	79
303	Development of preschool and academic skills in children born very preterm. <i>Journal of Pediatrics</i> , <b>2011</b> , 158, 51-6	3.6	77
302	Executive function and IQ predict mathematical and attention problems in very preterm children. <i>PLoS ONE</i> , <b>2013</b> , 8, e55994	3.7	76
301	ESPGHAN/ESPEN/ESPR/CSPEN guidelines on pediatric parenteral nutrition: Lipids. <i>Clinical Nutrition</i> , <b>2018</b> , 37, 2324-2336	5.9	75
300	Accuracy of the MacArthur competence assessment tool for clinical research (MacCAT-CR) for measuring children's competence to consent to clinical research. <i>JAMA Pediatrics</i> , <b>2014</b> , 168, 1147-53	8.3	74
299	ESPGHAN/ESPEN/ESPR/CSPEN guidelines on pediatric parenteral nutrition: Amino acids. <i>Clinical Nutrition</i> , <b>2018</b> , 37, 2315-2323	5.9	73
298	Comparing apples with apples: it is time for standardized reporting of neonatal nutrition and growth studies. <i>Pediatric Research</i> , <b>2016</b> , 79, 810-20	3.2	72
297	The impact of an education program on hand hygiene compliance and nosocomial infection incidence in an urban neonatal intensive care unit: an intervention study with before and after comparison. <i>International Journal of Nursing Studies</i> , <b>2010</b> , 47, 1245-52	5.8	71
296	ESPGHAN/ESPEN/ESPR/CSPEN guidelines on pediatric parenteral nutrition: Energy. <i>Clinical Nutrition</i> , <b>2018</b> , 37, 2309-2314	5.9	70
295	Nutritional interventions or exposures in infants and children aged up to 3 years and their effects on subsequent risk of overweight, obesity and body fat: a systematic review of systematic reviews. <i>Obesity Reviews</i> , <b>2016</b> , 17, 1245-1257	10.6	68
294	Resuscitation of preterm infants with different inspired oxygen fractions. <i>Journal of Pediatrics</i> , <b>2014</b> , 164, 1322-6.e3	3.6	65
293	The pattern of intestinal substrate oxidation is altered by protein restriction in pigs. <i>Gastroenterology</i> , <b>2001</b> , 121, 1167-75	13.3	65
292	Informed consent instead of assent is appropriate in children from the age of twelve: Policy implications of new findings on children's competence to consent to clinical research. <i>BMC Medical Ethics</i> , <b>2015</b> , 16, 76	2.9	62

291	Clinical implications of the solitary functioning kidney. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , <b>2014</b> , 9, 978-86	6.9	60
290	New generation lipid emulsions prevent PNALD in chronic parenterally fed preterm pigs. <i>Journal of Lipid Research</i> , <b>2014</b> , 55, 466-77	6.3	59
289	A qualitative study exploring the experiences of parents of children admitted to seven Dutch pediatric intensive care units. <i>Intensive Care Medicine</i> , <b>2011</b> , 37, 319-25	14.5	58
288	Protein Concentration in Milk Formula, Growth, and Later Risk of Obesity: A Systematic Review. <i>Journal of Nutrition</i> , <b>2016</b> , 146, 551-64	4.1	57
287	Mucin Muc2 deficiency and weaning influences the expression of the innate defense genes Reg3 $\beta$ and Reg3 $\gamma$ and angiogenin-4. <i>PLoS ONE</i> , <b>2012</b> , 7, e38798	3.7	56
286	Early Detection of Necrotizing Enterocolitis by Fecal Volatile Organic Compounds Analysis. <i>Journal of Pediatrics</i> , <b>2015</b> , 167, 562-7.e1	3.6	55
285	Probiotics and Preterm Infants: A Position Paper by the European Society for Paediatric Gastroenterology Hepatology and Nutrition Committee on Nutrition and the European Society for Paediatric Gastroenterology Hepatology and Nutrition Working Group for Probiotics and Prebiotics. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , <b>2020</b> , 70, 664-680	2.8	55
284	Growth and fatty acid profiles of VLBW infants receiving a multicomponent lipid emulsion from birth. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , <b>2014</b> , 58, 417-27	2.8	55
283	Measuring body composition and energy expenditure in children with severe neurologic impairment and intellectual disability. <i>American Journal of Clinical Nutrition</i> , <b>2011</b> , 94, 759-66	7	55
282	Increased protein-energy intake promotes anabolism in critically ill infants with viral bronchiolitis: a double-blind randomised controlled trial. <i>Archives of Disease in Childhood</i> , <b>2011</b> , 96, 817-22	2.2	55
281	Short-term growth and substrate use in very-low-birth-weight infants fed formulas with different energy contents. <i>American Journal of Clinical Nutrition</i> , <b>2000</b> , 71, 816-21	7	55
280	Causes and consequences of inadequate substrate supply to pediatric ICU patients. <i>Current Opinion in Clinical Nutrition and Metabolic Care</i> , <b>2006</b> , 9, 297-303	3.8	54
279	The gut takes nearly all: threonine kinetics in infants. <i>American Journal of Clinical Nutrition</i> , <b>2007</b> , 86, 1132-8	7	53
278	Effects of early amino acid administration on leucine and glucose kinetics in premature infants. <i>Pediatric Research</i> , <b>2006</b> , 59, 732-5	3.2	52
277	Innovative Techniques of Processing Human Milk to Preserve Key Components. <i>Nutrients</i> , <b>2019</b> , 11,	6.7	50
276	Implementation of electronic patient reported outcomes in pediatric daily clinical practice: The KLIK experience.. <i>Clinical Practice in Pediatric Psychology</i> , <b>2014</b> , 2, 50-67	2.5	50
275	Perceptions of parents, nurses, and physicians on neonatal intensive care practices. <i>Journal of Pediatrics</i> , <b>2010</b> , 157, 215-220.e3	3.6	50
274	Parent satisfaction in the pediatric ICU. <i>Pediatric Clinics of North America</i> , <b>2008</b> , 55, 779-90, xii-xiii	3.6	46

273	Critically ill infants benefit from early administration of protein and energy-enriched formula: a randomized controlled trial. <i>Clinical Nutrition</i> , <b>2009</b> , 28, 249-55	5.9	45
272	ESPGHAN/ESPEN/ESPR/CSPEN guidelines on pediatric parenteral nutrition: Calcium, phosphorus and magnesium. <i>Clinical Nutrition</i> , <b>2018</b> , 37, 2360-2365	5.9	45
271	Development and validation of a neonatal intensive care parent satisfaction instrument. <i>Pediatric Critical Care Medicine</i> , <b>2012</b> , 13, 554-9	3	44
270	Albumin synthesis in premature neonates is stimulated by parenterally administered amino acids during the first days of life. <i>American Journal of Clinical Nutrition</i> , <b>2007</b> , 86, 1003-8	7	44
269	Should formula for infants provide arachidonic acid along with DHA? A position paper of the European Academy of Paediatrics and the Child Health Foundation. <i>American Journal of Clinical Nutrition</i> , <b>2020</b> , 111, 10-16	7	43
268	Urinary Lipid Peroxidation Byproducts: Are They Relevant for Predicting Neonatal Morbidity in Preterm Infants?. <i>Antioxidants and Redox Signaling</i> , <b>2015</b> , 23, 178-84	8.4	42
267	Current recommended parenteral protein intakes do not support protein synthesis in critically ill septic, insulin-resistant adolescents with tight glucose control. <i>Critical Care Medicine</i> , <b>2011</b> , 39, 2518-25	1.4	42
266	Mortality, neonatal morbidity and two year follow-up of extremely preterm infants born in The Netherlands in 2007. <i>PLoS ONE</i> , <b>2012</b> , 7, e41302	3.7	41
265	Feeding very-low-birth-weight infants: our aspirations versus the reality in practice. <i>Annals of Nutrition and Metabolism</i> , <b>2011</b> , 58 Suppl 1, 20-9	4.5	41
264	Cysteine: a conditionally essential amino acid in low-birth-weight preterm infants?. <i>American Journal of Clinical Nutrition</i> , <b>2007</b> , 86, 1120-5	7	41
263	ESPGHAN/ESPEN/ESPR/CSPEN guidelines on pediatric parenteral nutrition: Iron and trace minerals. <i>Clinical Nutrition</i> , <b>2018</b> , 37, 2354-2359	5.9	41
262	Effect of enteral IGF-1 supplementation on feeding tolerance, growth, and gut permeability in enterally fed premature neonates. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , <b>2008</b> , 46, 184-90	2.8	40
261	ESPGHAN/ESPEN/ESPR/CSPEN guidelines on pediatric parenteral nutrition: Fluid and electrolytes. <i>Clinical Nutrition</i> , <b>2018</b> , 37, 2344-2353	5.9	40
260	ESPGHAN/ESPEN/ESPR/CSPEN guidelines on pediatric parenteral nutrition: Vitamins. <i>Clinical Nutrition</i> , <b>2018</b> , 37, 2366-2378	5.9	40
259	Necrotizing enterocolitis: a clinical review on diagnostic biomarkers and the role of the intestinal microbiota. <i>Inflammatory Bowel Diseases</i> , <b>2015</b> , 21, 436-44	4.5	39
258	Interdisciplinary management of infantile short bowel syndrome: resource consumption, growth, and nutrition. <i>Journal of Pediatric Surgery</i> , <b>2010</b> , 45, 490-8	2.6	39
257	Human fetal albumin synthesis rates during different periods of gestation. <i>American Journal of Clinical Nutrition</i> , <b>2008</b> , 88, 997-1003	7	39
256	Glutathione synthesis rates after amino acid administration directly after birth in preterm infants. <i>American Journal of Clinical Nutrition</i> , <b>2008</b> , 88, 333-9	7	38

255	Breast-Milk Cortisol and Cortisone Concentrations Follow the Diurnal Rhythm of Maternal Hypothalamus-Pituitary-Adrenal Axis Activity. <i>Journal of Nutrition</i> , <b>2016</b> , 146, 2174-2179	4.1	37
254	Novel method for measurement of glutathione kinetics in neonates using liquid chromatography coupled to isotope ratio mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , <b>2007</b> , 21, 2805-2812	2.2	37
253	Protein nutrition of the neonate. <i>Proceedings of the Nutrition Society</i> , <b>2000</b> , 59, 87-97	2.9	37
252	Risk Factors for Necrotizing Enterocolitis: A Prospective Multicenter Case-Control Study. <i>Neonatology</i> , <b>2018</b> , 114, 277-284	4	36
251	Adequate feeding and the usefulness of the respiratory quotient in critically ill children. <i>Nutrition</i> , <b>2005</b> , 21, 192-8	4.8	36
250	Early micronutrient supplementation protects against early stress-induced cognitive impairments. <i>FASEB Journal</i> , <b>2017</b> , 31, 505-518	0.9	35
249	Forkhead box transcription factors Foxa1 and Foxa2 are important regulators of Muc2 mucin expression in intestinal epithelial cells. <i>Biochemical and Biophysical Research Communications</i> , <b>2008</b> , 369, 1108-13	3.4	35
248	Analysis of lipid peroxidation biomarkers in extremely low gestational age neonate urines by UPLC-MS/MS. <i>Analytical and Bioanalytical Chemistry</i> , <b>2014</b> , 406, 4345-56	4.4	34
247	Construction and psychometric testing of the EMPATHIC questionnaire measuring parent satisfaction in the pediatric intensive care unit. <i>Intensive Care Medicine</i> , <b>2011</b> , 37, 310-8	14.5	34
246	Splanchnic oxidation is the major metabolic fate of dietary glutamate in enterally fed preterm infants. <i>Pediatric Research</i> , <b>2007</b> , 62, 468-73	3.2	34
245	Iron and Vitamin D Deficiency in Healthy Young Children in Western Europe Despite Current Nutritional Recommendations. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , <b>2016</b> , 62, 635-42	2.8	34
244	ESPGHAN/ESPEN/ESPR/CSPEN guidelines on pediatric parenteral nutrition: Venous access. <i>Clinical Nutrition</i> , <b>2018</b> , 37, 2379-2391	5.9	34
243	Nutrition of infants and young children (one to three years) and its effect on later health: A systematic review of current recommendations (EarlyNutrition project). <i>Critical Reviews in Food Science and Nutrition</i> , <b>2017</b> , 57, 489-500	11.5	33
242	Bioimpedance and Fluid Status in Children and Adolescents Treated With Dialysis. <i>American Journal of Kidney Diseases</i> , <b>2017</b> , 69, 428-435	7.4	33
241	Colonic gene expression patterns of mucin Muc2 knockout mice reveal various phases in colitis development. <i>Inflammatory Bowel Diseases</i> , <b>2011</b> , 17, 2047-57	4.5	33
240	ESPGHAN/ESPEN/ESPR/CSPEN guidelines on pediatric parenteral nutrition: Complications. <i>Clinical Nutrition</i> , <b>2018</b> , 37, 2418-2429	5.9	33
239	Probiotics for the Prevention of Nosocomial Diarrhea in Children. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , <b>2018</b> , 66, 3-9	2.8	32
238	Programming of the Hypothalamus-Pituitary-Adrenal Axis by Very Preterm Birth. <i>Annals of Nutrition and Metabolism</i> , <b>2017</b> , 70, 170-174	4.5	31



237	Composition of Follow-Up Formula for Young Children Aged 12-36 Months: Recommendations of an International Expert Group Coordinated by the Nutrition Association of Thailand and the Early Nutrition Academy. <i>Annals of Nutrition and Metabolism</i> , <b>2015</b> , 67, 119-32	4.5	31
236	Compositional requirements of follow-up formula for use in infancy: recommendations of an international expert group coordinated by the Early Nutrition Academy. <i>Annals of Nutrition and Metabolism</i> , <b>2013</b> , 62, 44-54	4.5	31
235	Paneth cell hyperplasia and metaplasia in necrotizing enterocolitis. <i>Pediatric Research</i> , <b>2011</b> , 69, 217-23	3.2	31
234	Effect of Bifidobacterium animalis subsp lactis supplementation in preterm infants: a systematic review of randomized controlled trials. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , <b>2010</b> , 51, 203-9	2.8	31
233	The role of initial monitoring of routine biochemical nutritional markers in critically ill children. <i>Journal of Nutritional Biochemistry</i> , <b>2006</b> , 17, 57-62	6.3	31
232	ESPGHAN/ESPEN/ESPR/CSPEN guidelines on pediatric parenteral nutrition: Carbohydrates. <i>Clinical Nutrition</i> , <b>2018</b> , 37, 2337-2343	5.9	31
231	A micronutrient-fortified young-child formula improves the iron and vitamin D status of healthy young European children: a randomized, double-blind controlled trial. <i>American Journal of Clinical Nutrition</i> , <b>2017</b> , 105, 391-399	7	30
230	Human milk peptides differentiate between the preterm and term infant and across varying lactational stages. <i>Food and Function</i> , <b>2017</b> , 8, 3769-3782	6.1	30
229	High-dose cysteine administration does not increase synthesis of the antioxidant glutathione preterm infants. <i>Pediatrics</i> , <b>2009</b> , 124, e978-84	7.4	30
228	Human fetal amino acid metabolism at term gestation. <i>American Journal of Clinical Nutrition</i> , <b>2009</b> , 89, 153-60	7	30
227	Epithelial functions of the residual bowel after surgery for necrotising enterocolitis in human infants. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , <b>2009</b> , 49, 31-41	2.8	30
226	Hospitalising preterm infants in single family rooms versus open bay units: a systematic review and meta-analysis. <i>The Lancet Child and Adolescent Health</i> , <b>2019</b> , 3, 147-157	14.5	30
225	Use of Probiotics for the Management of Acute Gastroenteritis in Children: An Update. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , <b>2020</b> , 71, 261-269	2.8	30
224	Observational outcome results following a randomized controlled trial of early amino acid administration in preterm infants. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , <b>2014</b> , 59, 714-9	2.8	29
223	Bovine Colostrum for Preterm Infants in the First Days of Life: A Randomized Controlled Pilot Trial. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , <b>2018</b> , 66, 471-478	2.8	28
222	Optimal growth of preterm infants. <i>World Review of Nutrition and Dietetics</i> , <b>2013</b> , 106, 149-55	0.2	28
221	Intermittent Bolus or Semicontinuous Feeding for Preterm Infants?. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , <b>2015</b> , 61, 659-64	2.8	28
220	Insulin therapy in the pediatric intensive care unit. <i>Clinical Nutrition</i> , <b>2007</b> , 26, 677-90	5.9	28

219	Circadian Variation in Human Milk Composition, a Systematic Review. <i>Nutrients</i> , <b>2020</b> , 12,	6.7	28
218	Intestinal threonine utilization for protein and mucin synthesis is decreased in formula-fed preterm pigs. <i>Journal of Nutrition</i> , <b>2011</b> , 141, 1306-11	4.1	27
217	Combined defects in epithelial and immunoregulatory factors exacerbate the pathogenesis of inflammation: mucin 2-interleukin 10-deficient mice. <i>Laboratory Investigation</i> , <b>2008</b> , 88, 634-42	5.9	27
216	Changes over lactation in breast milk serum proteins involved in the maturation of immune and digestive system of the infant. <i>Journal of Proteomics</i> , <b>2016</b> , 147, 40-47	3.9	26
215	Differences in the perceptions of parents and healthcare professionals on pediatric intensive care practices. <i>Pediatric Critical Care Medicine</i> , <b>2011</b> , 12, e211-5	3	26
214	Initial nutritional management of the preterm infant. <i>Early Human Development</i> , <b>2009</b> , 85, 691-5	2.2	26
213	Perceptions of parents on satisfaction with care in the pediatric intensive care unit: the EMPATHIC study. <i>Intensive Care Medicine</i> , <b>2009</b> , 35, 1082-9	14.5	26
212	Recommendations on probiotics in allergy prevention should not be based on pooling data from different strains. <i>Journal of Allergy and Clinical Immunology</i> , <b>2015</b> , 136, 1422	11.5	25
211	Computer screen saver hand hygiene information curbs a negative trend in hand hygiene behavior. <i>American Journal of Infection Control</i> , <b>2012</b> , 40, 951-4	3.8	25
210	Methionine requirement of the enterally fed term infant in the first month of life in the presence of cysteine. <i>American Journal of Clinical Nutrition</i> , <b>2012</b> , 95, 1048-54	7	25
209	ESPGHAN/ESPEN/ESPR/CSPEN guidelines on pediatric parenteral nutrition: Organisational aspects. <i>Clinical Nutrition</i> , <b>2018</b> , 37, 2392-2400	5.9	25
208	Risk Factors for Late-Onset Sepsis in Preterm Infants: A Multicenter Case-Control Study. <i>Neonatology</i> , <b>2019</b> , 116, 42-51	4	24
207	Locust bean gum safety in neonates and young infants: an integrated review of the toxicological database and clinical evidence. <i>Regulatory Toxicology and Pharmacology</i> , <b>2014</b> , 70, 155-69	3.4	24
206	Assessment of oxidative damage to proteins and DNA in urine of newborn infants by a validated UPLC-MS/MS approach. <i>PLoS ONE</i> , <b>2014</b> , 9, e93703	3.7	24
205	Early postnatal calcium and phosphorus metabolism in preterm infants. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , <b>2014</b> , 58, 398-403	2.8	24
204	Analysis of [U-13C6]glucose in human plasma using liquid chromatography/isotope ratio mass spectrometry compared with two other mass spectrometry techniques. <i>Rapid Communications in Mass Spectrometry</i> , <b>2009</b> , 23, 3824-30	2.2	24
203	Amino acid metabolism in the human fetus at term: leucine, valine, and methionine kinetics. <i>Pediatric Research</i> , <b>2011</b> , 70, 566-71	3.2	24
202	Colitis development during the suckling-weaning transition in mucin Muc2-deficient mice. <i>American Journal of Physiology - Renal Physiology</i> , <b>2011</b> , 301, G667-78	5.1	24



201	High-precision mass spectrometric analysis using stable isotopes in studies of children. <i>Mass Spectrometry Reviews</i> , <b>2012</b> , 31, 312-30	11	23
200	Intravenous glutamine supplementation enhances renal de novo arginine synthesis in humans: a stable isotope study. <i>American Journal of Clinical Nutrition</i> , <b>2014</b> , 100, 1385-91	7	23
199	Serum hepcidin measured by immunochemical and mass-spectrometric methods and their correlation with iron status indicators in healthy children aged 0.5-3 y. <i>Pediatric Research</i> , <b>2014</b> , 76, 409-14	3.2	23
198	Lysine requirement of the enterally fed term infant in the first month of life. <i>American Journal of Clinical Nutrition</i> , <b>2011</b> , 94, 1496-503	7	23
197	Validation of the direct nasopharyngeal sampling method for collection of expired air in preterm neonates. <i>Pediatric Research</i> , <b>2004</b> , 55, 50-4	3.2	23
196	Endoplasmic reticulum stress, unfolded protein response and altered T cell differentiation in necrotizing enterocolitis. <i>PLoS ONE</i> , <b>2013</b> , 8, e78491	3.7	23
195	Feasibility of an Assessment Tool for Children's Competence to Consent to Predictive Genetic Testing: a Pilot Study. <i>Journal of Genetic Counseling</i> , <b>2015</b> , 24, 971-7	2.5	22
194	Prevalence and risk factors of iron deficiency in healthy young children in the southwestern Netherlands. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , <b>2014</b> , 58, 193-8	2.8	22
193	Majority of dietary glutamine is utilized in first pass in preterm infants. <i>Pediatric Research</i> , <b>2010</b> , 67, 194-9	3.2	22
192	Glutathione synthesis rates in early postnatal life. <i>Pediatric Research</i> , <b>2010</b> , 67, 407-11	3.2	22
191	ESPGHAN/ESPEN/ESPR/CSPEN guidelines on pediatric parenteral nutrition: Home parenteral nutrition. <i>Clinical Nutrition</i> , <b>2018</b> , 37, 2401-2408	5.9	22
190	ESPGHAN/ESPEN/ESPR/CSPEN guidelines on pediatric parenteral nutrition: Standard versus individualized parenteral nutrition. <i>Clinical Nutrition</i> , <b>2018</b> , 37, 2409-2417	5.9	22
189	Albumin synthesis rates in post-surgical infants and septic adolescents; influence of amino acids, energy, and insulin. <i>Clinical Nutrition</i> , <b>2011</b> , 30, 469-77	5.9	21
188	Use of [13C]bicarbonate for metabolic studies in preterm infants: intragastric versus intravenous administration. <i>Pediatric Research</i> , <b>2005</b> , 58, 861-4	3.2	21
187	Prolonged mechanical ventilation induces cell cycle arrest in newborn rat lung. <i>PLoS ONE</i> , <b>2011</b> , 6, e169107	3.7	21
186	Time to Full Enteral Feeding for Very Low-Birth-Weight Infants Varies Markedly Among Hospitals Worldwide But May Not Be Associated With Incidence of Necrotizing Enterocolitis: The NEOMUNE-NeoNutriNet Cohort Study. <i>Journal of Parenteral and Enteral Nutrition</i> , <b>2019</b> , 43, 658-667	4.2	21
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182	Cyst(e)ine requirements in enterally fed very low birth weight preterm infants. <i>Pediatrics</i> , <b>2008</b> , 121, e561-7	7.4	19
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178	Adaptive regulation of amino acid metabolism on early parenteral lipid and high-dose amino acid administration in VLBW infants - a randomized, controlled trial. <i>Clinical Nutrition</i> , <b>2014</b> , 33, 982-90	5.9	18
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46	Hearing the voices of children: self-reported information on children's experiences during research procedures: a study protocol. <i>BMJ Open</i> , <b>2015</b> , 5, e009053	3	1
45	Oxidative Stress and Glutathione Synthesis Rates in Early Postnatal Life. <i>Oxidative Stress in Applied Basic Research and Clinical Practice</i> , <b>2014</b> , 255-269		1
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41	Processing methods of donor human milk evaluated by a blood plasma clotting assay. <i>Innovative Food Science and Emerging Technologies</i> , <b>2022</b> , 76, 102938	6.8	1
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39	Long-term effects of a modified, low-protein infant formula on growth and body composition: Follow-up of a randomized, double-blind, equivalence trial. <i>Clinical Nutrition</i> , <b>2021</b> , 40, 3914-3921	5.9	1
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37	PatientsPand parentsPperspective on the implementation of Patient Reported Outcome Measures in pediatric clinical practice using the KLIK PROM portal. <i>Quality of Life Research</i> , <b>2021</b> , 1	3.7	1
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35	Methods to Assess Fat Mass in Infants and Young Children: A Comparative Study Using Skinfold Thickness and Air-Displacement Plethysmography. <i>Life</i> , <b>2021</b> , 11,	3	1
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33	Proteoform Profiles Reveal That Alpha-1-Antitrypsin in Human Serum and Milk Is Derived From a Common Source.. <i>Frontiers in Molecular Biosciences</i> , <b>2022</b> , 9, 858856	5.6	1
32	Comparing the human milk antibody response after vaccination with four COVID-19 vaccines: A prospective, longitudinal cohort study in the Netherlands.. <i>EClinicalMedicine</i> , <b>2022</b> , 101393	11.3	1
31	Meeting Protein and Energy Requirements of Preterm Infants Receiving Human Milk.. <i>Nestle Nutrition Institute Workshop Series</i> , <b>2021</b> , 96, 72-85	1.9	1
30	Testing the effects of processing on donor human Milk: Analytical methods. <i>Food Chemistry</i> , <b>2022</b> , 373, 131413	8.5	0
29	Development and validation of a gas chromatography-mass spectrometry method to analyze octanoate enrichments at low concentrations in human plasma. <i>Analytical and Bioanalytical Chemistry</i> , <b>2020</b> , 412, 5789-5797	4.4	0
28	Recommended Nutrient Intake Levels for Preterm Infants. <i>World Review of Nutrition and Dietetics</i> , <b>2021</b> , 122, 191-197	0.2	0
27	Association of a Zero-Separation Neonatal Care Model With Stress in Mothers of Preterm Infants.. <i>JAMA Network Open</i> , <b>2022</b> , 5, e224514	10.4	0
26	Effects of High-Pressure Processing, UV-C Irradiation and Thermoultrasonication on Donor Human Milk Safety and Quality.. <i>Frontiers in Pediatrics</i> , <b>2022</b> , 10, 828448	3.4	0
25	Early-Life Colonization by Anelloviruses in Infants. <i>Viruses</i> , <b>2022</b> , 14, 865	6.2	0
24	Stable Isotopes in Nutritional and Pediatric Research <b>2017</b> , 67-80		
23	Term and Preterm Infants. <i>World Review of Nutrition and Dietetics</i> , <b>2017</b> , 116, 52-79	0.2	
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10	Simultaneous assessment of intestinal permeability and lactase activity in human-milk-fed preterm infants by sugar absorption test: Clinical implementation and analytical method. <i>Clinical Nutrition</i> , <b>2021</b> , 40, 1413-1419	5.9
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