Johannes Bernard van Goudoever

List of Publications by Year
in descending order

342 papers	15,170 citations	20759 60 h-index	28224 105 g-index
352 all docs	352 docs citations	352 times ranked	15300 citing authors

#	Article	IF	Citations
1	Muc2-Deficient Mice Spontaneously Develop Colitis, Indicating That MUC2 Is Critical for Colonic Protection. Gastroenterology, 2006, 131, 117-129.	0.6	1,297
2	Meta-Analysis of Neurobehavioral Outcomes in Very Preterm and/or Very Low Birth Weight Children. Pediatrics, 2009, 124, 717-728.	1.0	1,296
3	The regulation of intestinal mucin MUC2 expression by short-chain fatty acids: implications for epithelial protection. Biochemical Journal, 2009, 420, 211-219.	1.7	445
4	Cognitive Outcomes of Children Born Extremely or Very Preterm Since the 1990s and Associated Risk Factors. JAMA Pediatrics, 2018, 172, 361.	3.3	354
5	Nutrition During Pregnancy, Lactation and Early Childhood and its Implications for Maternal and Long-Term Child Health: The Early Nutrition Project Recommendations. Annals of Nutrition and Metabolism, 2019, 74, 93-106.	1.0	207
6	Amino Acid Administration to Premature Infants Directly After Birth. Journal of Pediatrics, 2005, 147, 457-461.	0.9	196
7	Structural Position and Amount of Palmitic Acid in Infant Formulas: Effects on Fat, Fatty Acid, and Mineral Balance. Journal of Pediatric Gastroenterology and Nutrition, 1996, 23, 553-560.	0.9	179
8	Intake of Own Motherâ€™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. Neonatology, 2012, 102, 276-281.	0.9	169
9	Probiotics for the Prevention of Antibioticâ€Associated Diarrhea in Children. Journal of Pediatric Gastroenterology and Nutrition, 2016, 62, 495-506.	0.9	167
10	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. Clinical Nutrition, 2012, 31, 6-15.	2.3	166
11	Taking Up the Challenge of Measuring Prolonged Pain in (Premature) Neonates. Clinical Journal of Pain, 2009, 25, 607-616.	0.8	165
12	ESPGHAN/ESPEN/ESPR/CSPEN guidelines on pediatric parenteral nutrition: Lipids. Clinical Nutrition, 2018, 37, 2324-2336.	2.3	163
13	Perinatal programming of adult hippocampal structure and function; emerging roles of stress, nutrition and epigenetics. Trends in Neurosciences, 2013, 36, 621-631.	4.2	157
14	ESPGHAN/ESPEN/ESPR/CSPEN guidelines on pediatric parenteral nutrition: Amino acids. Clinical Nutrition, 2018, 37, 2315-2323.	2.3	148
15	Human Fetal TNF-Î±-Cytokine-Producing CD4+ Effector Memory T Cells Promote Intestinal Development and Mediate Inflammation Early in Life. Immunity, 2019, 50, 462-476.e8.	6.6	146
16	The effect of cumulative energy and protein deficiency on anthropometric parameters in a pediatric ICU population. Clinical Nutrition, 2004, 23, 1381-1389.	2.3	142
17	Effect of Donor Milk on Severe Infections and Mortality in Very Low-Birth-Weight Infants. JAMA Pediatrics, 2016, 170, 654.	3.3	135
18	ESPGHAN/ESPEN/ESPR/CSPEN guidelines on pediatric parenteral nutrition: Energy. Clinical Nutrition, 2018, 37, 2309-2314.	2.3	135

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19	Safety and Efficacy of Early Parenteral Lipid and High-Dose Amino Acid Administration to Very Low Birth Weight Infants. Journal of Pediatrics, 2013, 163, 638-644.e5.	0.9	133
20	Probiotics and Preterm Infants. Journal of Pediatric Gastroenterology and Nutrition, 2020, 70, 664-680.	0.9	133
21	Probiotics for Preterm Infants. Journal of Pediatric Gastroenterology and Nutrition, 2018, 67, 103-122.	0.9	131
22	Ontogeny of Human Hepatic and Intestinal Transporter Gene Expression during Childhood: Age Matters. Drug Metabolism and Disposition, 2014, 42, 1268-1274.	1.7	124
23	Threonine Utilization Is High in the Intestine of Piglets. Journal of Nutrition, 2005, 135, 765-770.	1.3	123
24	Methionine transmethylation and transsulfuration in the piglet gastrointestinal tract. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 3408-3413.	3.3	119
25	The profile of executive function in very preterm children at 4 to 12â€ƒyears. Developmental Medicine and Child Neurology, 2012, 54, 247-253.	1.1	116
26	Informed consent instead of assent is appropriate in children from the age of twelve: Policy implications of new findings on childrenâ€™s competence to consent to clinical research. BMC Medical Ethics, 2015, 16, 76.	1.0	106
27	Comparing apples with apples: it is time for standardized reporting of neonatal nutrition and growth studies. Pediatric Research, 2016, 79, 810-820.	1.1	105
28	Accuracy of the MacArthur Competence Assessment Tool for Clinical Research (MacCAT-CR) for Measuring Childrenâ€™s Competence to Consent to Clinical Research. JAMA Pediatrics, 2014, 168, 1147.	3.3	103
29	Parenteral lipid administration to very-low-birth-weight infantsâ€”early introduction of lipids and use of new lipid emulsions: a systematic review and meta-analysis. American Journal of Clinical Nutrition, 2012, 96, 255-268.	2.2	102
30	The high metabolic cost of a functional gut. Gastroenterology, 2002, 123, 1931-1940.	0.6	101
31	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. Obesity Reviews, 2016, 17, 1245-1257.	3.1	101
32	ESPGHAN/ESPEN/ESPR/CSPEN guidelines on pediatric parenteral nutrition: Calcium, phosphorus and magnesium. Clinical Nutrition, 2018, 37, 2360-2365.	2.3	101
33	ESPGHAN/ESPEN/ESPR/CSPEN guidelines on pediatric parenteral nutrition. Clinical Nutrition, 2018, 37, 2303-2305.	2.3	96
34	Development of Preschool and Academic Skills in Children Born Very Preterm. Journal of Pediatrics, 2011, 158, 51-56.	0.9	93
35	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. International Journal of Nursing Studies, 2010, 47, 1245-1252.	2.5	91
36	ESPGHAN/ESPEN/ESPR/CSPEN guidelines on pediatric parenteral nutrition: Iron and trace minerals. Clinical Nutrition, 2018, 37, 2354-2359.	2.3	89

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37	Should formula for infants provide arachidonic acid along with DHA? A position paper of the European Academy of Paediatrics and the Child Health Foundation. American Journal of Clinical Nutrition, 2020, 111, 10-16.	2.2	88
38	Executive Function and IQ Predict Mathematical and Attention Problems in Very Preterm Children. PLoS ONE, 2013, 8, e55994.	1.1	86
39	ESPGHAN/ESPEN/ESPR/CSPEN guidelines on pediatric parenteral nutrition: Carbohydrates. Clinical Nutrition, 2018, 37, 2337-2343.	2.3	85
40	ESPGHAN/ESPEN/ESPR/CSPEN guidelines on pediatric parenteral nutrition: Fluid and electrolytes. Clinical Nutrition, 2018, 37, 2344-2353.	2.3	85
41	ESPGHAN/ESPEN/ESPR/CSPEN guidelines on pediatric parenteral nutrition: Vitamins. Clinical Nutrition, 2018, 37, 2366-2378.	2.3	82
42	Innovative Techniques of Processing Human Milk to Preserve Key Components. Nutrients, 2019, 11, 1169.	1.7	82
43	Clinical Implications of the Solitary Functioning Kidney. Clinical Journal of the American Society of Nephrology: CJASN, 2014, 9, 978-986.	2.2	81
44	Protein Concentration in Milk Formula, Growth, and Later Risk of Obesity: A Systematic Review. Journal of Nutrition, 2016, 146, 551-564.	1.3	78
45	Resuscitation of Preterm Infants with Different Inspired Oxygen Fractions. Journal of Pediatrics, 2014, 164, 1322-1326.e3.	0.9	77
46	Growth and Fatty Acid Profiles of VLBW Infants Receiving a Multicomponent Lipid Emulsion From Birth. Journal of Pediatric Gastroenterology and Nutrition, 2014, 58, 417-427.	0.9	76
47	The pattern of intestinal substrate oxidation is altered by protein restriction in pigs. Gastroenterology, 2001, 121, 1167-1175.	0.6	74
48	ESPGHAN/ESPEN/ESPR/CSPEN guidelines on pediatric parenteral nutrition: Venous access. Clinical Nutrition, 2018, 37, 2379-2391.	2.3	73
49	ESPGHAN/ESPEN/ESPR/CSPEN guidelines on pediatric parenteral nutrition: Complications. Clinical Nutrition, 2018, 37, 2418-2429.	2.3	73
50	Circadian Variation in Human Milk Composition, a Systematic Review. Nutrients, 2020, 12, 2328.	1.7	73
51	Early Detection of Necrotizing Enterocolitis by Fecal Volatile Organic Compounds Analysis. Journal of Pediatrics, 2015, 167, 562-567.e1.	0.9	72
52	A qualitative study exploring the experiences of parents of children admitted to seven Dutch pediatric intensive care units. Intensive Care Medicine, 2011, 37, 319-325.	3.9	71
53	New generation lipid emulsions prevent PNALD in chronic parenterally fed preterm pigs. Journal of Lipid Research, 2014, 55, 466-477.	2.0	71
54	Mucin Muc2 Deficiency and Weaning Influences the Expression of the Innate Defense Genes Reg3Î², Reg3Î³ and Angiogenin-4. PLoS ONE, 2012, 7, e38798.	1.1	70

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55	Perceptions of Parents, Nurses, and Physicians on Neonatal Intensive Care Practices. Journal of Pediatrics, 2010, 157, 215-220.e3.	0.9	69
56	Measuring body composition and energy expenditure in children with severe neurologic impairment and intellectual disability. American Journal of Clinical Nutrition, 2011, 94, 759-766.	2.2	69
57	Implementation of electronic patient reported outcomes in pediatric daily clinical practice: The KLIK experience.. Clinical Practice in Pediatric Psychology, 2014, 2, 50-67.	0.2	69
58	Increased protein-energy intake promotes anabolism in critically ill infants with viral bronchiolitis: a double-blind randomised controlled trial. Archives of Disease in Childhood, 2011, 96, 817-822.	1.0	68
59	Risk Factors for Necrotizing Enterocolitis: A Prospective Multicenter Case-Control Study. Neonatology, 2018, 114, 277-284.	0.9	66
60	Causes and consequences of inadequate substrate supply to pediatric ICU patients. Current Opinion in Clinical Nutrition and Metabolic Care, 2006, 9, 297-303.	1.3	65
61	Development and validation of a neonatal intensive care parent satisfaction instrument*. Pediatric Critical Care Medicine, 2012, 13, 554-559.	0.2	64
62	Critically ill infants benefit from early administration of protein and energy-enriched formula: A randomized controlled trial. Clinical Nutrition, 2009, 28, 249-255.	2.3	60
63	Risk Factors for Late-Onset Sepsis in Preterm Infants: A Multicenter Case-Control Study. Neonatology, 2019, 116, 42-51.	0.9	60
64	Short-term growth and substrate use in very-low-birth-weight infants fed formulas with different energy contents. American Journal of Clinical Nutrition, 2000, 71, 816-821.	2.2	58
65	The gut takes nearly all: threonine kinetics in infants. American Journal of Clinical Nutrition, 2007, 86, 1132-1138.	2.2	58
66	Parent Satisfaction in the Pediatric ICU. Pediatric Clinics of North America, 2008, 55, 779-790.	0.9	57
67	Use of Probiotics for the Management of Acute Gastroenteritis in Children. Journal of Pediatric Gastroenterology and Nutrition, 2020, 71, 261-269.	0.9	57
68	ESPGHAN/ESPEN/ESPR/CSPEN guidelines on pediatric parenteral nutrition: Standard versus individualized parenteral nutrition. Clinical Nutrition, 2018, 37, 2409-2417.	2.3	56
69	Effects of Early Amino Acid Administration on Leucine and Glucose Kinetics in Premature Infants. Pediatric Research, 2006, 59, 732-735.	1.1	55
70	Necrotizing Enterocolitis. Inflammatory Bowel Diseases, 2015, 21, 436-444.	0.9	55
71	Albumin synthesis in premature neonates is stimulated by parenterally administered amino acids during the first days of life. American Journal of Clinical Nutrition, 2007, 86, 1003-1008.	2.2	54
72	ESPGHAN/ESPEN/ESPR/CSPEN guidelines on pediatric parenteral nutrition: Home parenteral nutrition. Clinical Nutrition, 2018, 37, 2401-2408.	2.3	54

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73	Human Milk from Previously COVID-19-Infected Mothers: The Effect of Pasteurization on Specific Antibodies and Neutralization Capacity. Nutrients, 2021, 13, 1645.	1.7	54
74	Urinary Lipid Peroxidation Byproducts: Are They Relevant for Predicting Neonatal Morbidity in Preterm Infants?. Antioxidants and Redox Signaling, 2015, 23, 178-184.	2.5	53
75	Cysteine: a conditionally essential amino acid in low-birth-weight preterm infants?. American Journal of Clinical Nutrition, 2007, 86, 1120-1125.	2.2	52
76	Iron and Vitamin D Deficiency in Healthy Young Children in Western Europe Despite Current Nutritional Recommendations. Journal of Pediatric Gastroenterology and Nutrition, 2016, 62, 635-642.	0.9	52
77	Hospitalising preterm infants in single family rooms versus open bay units: a systematic review and meta-analysis. The Lancet Child and Adolescent Health, 2019, 3, 147-157.	2.7	52
78	Mortality, Neonatal Morbidity and Two Year Follow-Up of Extremely Preterm Infants Born in the Netherlands in 2007. PLoS ONE, 2012, 7, e41302.	1.1	51
79	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. Annals of Nutrition and Metabolism, 2015, 67, 119-132.	1.0	51
80	Breast-Milk Cortisol and Cortisone Concentrations Follow the Diurnal Rhythm of Maternal Hypothalamus-Pituitary-Adrenal Axis Activity. Journal of Nutrition, 2016, 146, 2174-2179.	1.3	51
81	Glutathione synthesis rates after amino acid administration directly after birth in preterm infants. American Journal of Clinical Nutrition, 2008, 88, 333-339.	2.2	50
82	Adequate feeding and the usefulness of the respiratory quotient in critically ill children. Nutrition, 2005, 21, 192-198.	1.1	49
83	Feeding Very-Low-Birth-Weight Infants: Our Aspirations versus the Reality in Practice. Annals of Nutrition and Metabolism, 2011, 58, 20-29.	1.0	49
84	Early micronutrient supplementation protects against early stressâ€induced cognitive impairments. FASEB Journal, 2017, 31, 505-518.	0.2	49
85	Compositional Requirements of Follow-Up Formula for Use in Infancy: Recommendations of an International Expert Group Coordinated by the Early Nutrition Academy. Annals of Nutrition and Metabolism, 2013, 62, 44-54.	1.0	48
86	Should Infant Formula Provide Both Omega-3 DHA and Omega-6 Arachidonic Acid?. Annals of Nutrition and Metabolism, 2015, 66, 137-138.	1.0	48
87	Effect of Enteral IGFâ€1 Supplementation on Feeding Tolerance, Growth, and Gut Permeability in Enterally Fed Premature Neonates. Journal of Pediatric Gastroenterology and Nutrition, 2008, 46, 184-190.	0.9	47
88	Human fetal albumin synthesis rates during different periods of gestation. American Journal of Clinical Nutrition, 2008, 88, 997-1003.	2.2	47
89	Current recommended parenteral protein intakes do not support protein synthesis in critically ill septic, insulin-resistant adolescents with tight glucose control. Critical Care Medicine, 2011, 39, 2518-2525.	0.4	47
90	Forkhead box transcription factors Foxa1 and Foxa2 are important regulators of Muc2 mucin expression in intestinal epithelial cells. Biochemical and Biophysical Research Communications, 2008, 369, 1108-1113.	1.0	46

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91	Interdisciplinary management of infantile short bowel syndrome: resource consumption, growth, and nutrition. Journal of Pediatric Surgery, 2010, 45, 490-498.	0.8	46
92	Construction and psychometric testing of the EMPATHIC questionnaire measuring parent satisfaction in the pediatric intensive care unit. Intensive Care Medicine, 2011, 37, 310-318.	3.9	46
93	ESPGHAN/ESPEN/ESPR/CSPEN guidelines on pediatric parenteral nutrition: Organisational aspects. Clinical Nutrition, 2018, 37, 2392-2400.	2.3	46
94	Promoting and Protecting Human Milk and Breastfeeding in a COVID-19 World. Frontiers in Pediatrics, 2020, 8, 633700.	0.9	46
95	Nutrition of infants and young children (one to three years) and its effect on later health: A systematic review of current recommendations (EarlyNutrition project). Critical Reviews in Food Science and Nutrition, 2017, 57, 489-500.	5.4	45
96	A micronutrient-fortified young-child formula improves the iron and vitamin D status of healthy young European children: a randomized, double-blind controlled trial. American Journal of Clinical Nutrition, 2017, 105, 391-399.	2.2	45
97	Human milk peptides differentiate between the preterm and term infant and across varying lactational stages. Food and Function, 2017, 8, 3769-3782.	2.1	45
98	Probiotics for the Prevention of Nosocomial Diarrhea in Children. Journal of Pediatric Gastroenterology and Nutrition, 2018, 66, 3-9.	0.9	44
99	Protein nutrition of the neonate. Proceedings of the Nutrition Society, 2000, 59, 87-97.	0.4	43
100	Programming of the Hypothalamus-Pituitary-Adrenal Axis by Very Preterm Birth. Annals of Nutrition and Metabolism, 2017, 70, 170-174.	1.0	43
101	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. Journal of Parenteral and Enteral Nutrition, 2019, 43, 658-667.	1.3	42
102	Bioimpedance and Fluid Status in Children and Adolescents Treated With Dialysis. American Journal of Kidney Diseases, 2017, 69, 428-435.	2.1	41
103	Novel method for measurement of glutathione kinetics in neonates using liquid chromatography coupled to isotope ratio mass spectrometry. Rapid Communications in Mass Spectrometry, 2007, 21, 2805-2812.	0.7	40
104	Colonic gene expression patterns of mucin muc2 knockout mice reveal various phases in colitis development1. Inflammatory Bowel Diseases, 2011, 17, 2047-2057.	0.9	40
105	Paneth Cell Hyperplasia and Metaplasia in Necrotizing Enterocolitis. Pediatric Research, 2011, 69, 217-223.	1.1	40
106	Analysis of lipid peroxidation biomarkers in extremely low gestational age neonate urines by UPLC-MS/MS. Analytical and Bioanalytical Chemistry, 2014, 406, 4345-4356.	1.9	40
107	The Levels of SARS-CoV-2 Specific Antibodies in Human Milk Following Vaccination. Journal of Human Lactation, 2021, 37, 477-484.	0.8	40
108	Observational Outcome Results Following a Randomized Controlled Trial of Early Amino Acid Administration in Preterm Infants. Journal of Pediatric Gastroenterology and Nutrition, 2014, 59, 714-719.	0.9	39

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109	Changes over lactation in breast milk serum proteins involved in the maturation of immune and digestive system of the infant. Journal of Proteomics, 2016, 147, 40-47.	1.2	39
110	Bovine Colostrum for Preterm Infants in the First Days of Life. Journal of Pediatric Gastroenterology and Nutrition, 2018, 66, 471-478.	0.9	39
111	The role of initial monitoring of routine biochemical nutritional markers in critically ill children. Journal of Nutritional Biochemistry, 2006, 17, 57-62.	1.9	38
112	Epithelial Functions of the Residual Bowel After Surgery for Necrotising Enterocolitis in Human Infants. Journal of Pediatric Gastroenterology and Nutrition, 2009, 49, 31-41.	0.9	38
113	Antibodies Against SARS-CoV-2 in Human Milk: Milk Conversion Rates in the Netherlands. Journal of Human Lactation, 2021, 37, 469-476.	0.8	38
114	Splanchnic Oxidation Is the Major Metabolic Fate of Dietary Glutamate in Enterally Fed Preterm Infants. Pediatric Research, 2007, 62, 468-473.	1.1	37
115	Optimal Growth of Preterm Infants. World Review of Nutrition and Dietetics, 2013, 106, 149-155.	0.1	37
116	Intermittent Bolus or Semicontinuous Feeding for Preterm Infants?. Journal of Pediatric Gastroenterology and Nutrition, 2015, 61, 659-664.	0.9	37
117	Insulin therapy in the pediatric intensive care unit. Clinical Nutrition, 2007, 26, 677-690.	2.3	36
118	Combined defects in epithelial and immunoregulatory factors exacerbate the pathogenesis of inflammation: mucin 2-interleukin 10-deficient mice. Laboratory Investigation, 2008, 88, 634-642.	1.7	36
119	Human fetal amino acid metabolism at term gestation. American Journal of Clinical Nutrition, 2009, 89, 153-160.	2.2	36
120	Early Postnatal Calcium and Phosphorus Metabolism in Preterm Infants. Journal of Pediatric Gastroenterology and Nutrition, 2014, 58, 398-403.	0.9	36
121	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. Journal of Pediatrics, 2020, 227, 128-134.e2.	0.9	36
122	Maintaining safety and service provision in human milk banking: a call to action in response to the COVID-19 pandemic. The Lancet Child and Adolescent Health, 2020, 4, 484-485.	2.7	36
123	High-Dose Cysteine Administration Does Not Increase Synthesis of the Antioxidant Glutathione Preterm Infants. Pediatrics, 2009, 124, e978-e984.	1.0	35
124	Effect of Bifidobacterium animalis subsp lactis Supplementation in Preterm Infants: A Systematic Review of Randomized Controlled Trials. Journal of Pediatric Gastroenterology and Nutrition, 2010, 51, 203-209.	0.9	35
125	Initial nutritional management of the preterm infant. Early Human Development, 2009, 85, 691-695.	0.8	34
126	Glutathione Synthesis Rates in Early Postnatal Life. Pediatric Research, 2010, 67, 407-411.	1.1	33

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127	Intestinal Threonine Utilization for Protein and Mucin Synthesis Is Decreased in Formula-Fed Preterm Pigs,. Journal of Nutrition, 2011, 141, 1306-1311.	1.3	33
128	Hospitalising preterm infants in single family rooms versus open bay units: A systematic review and meta-analysis of impact on parents. EClinicalMedicine, 2020, 23, 100388.	3.2	33
129	ESPGHAN/ESPEN/ESPR/CSPEN guidelines on pediatric parenteral nutrition: Guideline development process for the updated guidelines. Clinical Nutrition, 2018, 37, 2306-2308.	2.3	32
130	Maintaining human milk bank services throughout the COVIDâ€19 pandemic: A global response. Maternal and Child Nutrition, 2021, 17, e13131.	1.4	32
131	Differences in the perceptions of parents and healthcare professionals on pediatric intensive care practices. Pediatric Critical Care Medicine, 2011, 12, e211-e215.	0.2	31
132	Computer screen saver hand hygiene information curbs a negative trend in hand hygiene behavior. American Journal of Infection Control, 2012, 40, 951-954.	1.1	31
133	Feasibility of an Assessment Tool for Children's Competence to Consent to Predictive Genetic Testing: a Pilot Study. Journal of Genetic Counseling, 2015, 24, 971-977.	0.9	31
134	Perceptions of parents on satisfaction with care in the pediatric intensive care unit: the EMPATHIC study. Intensive Care Medicine, 2009, 35, 1082-1089.	3.9	30
135	Methionine requirement of the enterally fed term infant in the first month of life in the presence of cysteine. American Journal of Clinical Nutrition, 2012, 95, 1048-1054.	2.2	30
136	Prevalence and Risk Factors of Iron Deficiency in Healthy Young Children in the Southwestern Netherlands. Journal of Pediatric Gastroenterology and Nutrition, 2014, 58, 193-198.	0.9	30
137	Locust bean gum safety in neonates and young infants: An integrated review of the toxicological database and clinical evidence. Regulatory Toxicology and Pharmacology, 2014, 70, 155-169.	1.3	30
138	Key factors in childrenâ€™s competence to consent to clinical research. BMC Medical Ethics, 2015, 16, 74.	1.0	30
139	Lysine requirement of the enterally fed term infant in the first month of life. American Journal of Clinical Nutrition, 2011, 94, 1496-1503.	2.2	29
140	Colitis development during the suckling-weaning transition in mucin Muc2-deficient mice. American Journal of Physiology - Renal Physiology, 2011, 301, G667-G678.	1.6	29
141	Quality of life of persons with profound intellectual and multiple disabilities: A narrative literature review of concepts, assessment methods and assessors. Journal of Intellectual and Developmental Disability, 2019, 44, 261-271.	1.1	29
142	Albumin synthesis rates in post-surgical infants and septic adolescents; influence of amino acids, energy, and insulin. Clinical Nutrition, 2011, 30, 469-477.	2.3	28
143	Amino Acid Metabolism in the Human Fetus at Term: Leucine, Valine, and Methionine Kinetics. Pediatric Research, 2011, 70, 566-571.	1.1	28
144	Highâ€precision mass spectrometric analysis using stable isotopes in studies of children. Mass Spectrometry Reviews, 2012, 31, 312-330.	2.8	28

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145	Assessment of Oxidative Damage to Proteins and DNA in Urine of Newborn Infants by a Validated UPLC-MS/MS Approach. PLoS ONE, 2014, 9, e93703.	1.1	28
146	Fetal Growth Restriction with Brain Sparing: Neurocognitive and Behavioral Outcomes at 12 Years of Age. Journal of Pediatrics, 2017, 188, 103-109.e2.	0.9	28
147	Low- versus High-Dose and Early versus Late Parenteral Amino-Acid Administration in Very-Low-Birth-Weight Infants: A Systematic Review and Meta-Analysis. Neonatology, 2018, 113, 187-205.	0.9	28
148	Construction of a parent satisfaction instrument: Perceptions of pediatric intensive care nurses and physicians. Journal of Critical Care, 2009, 24, 255-266.	1.0	27
149	Recent advances in our understanding of protein and amino acid metabolism in the human fetus. Current Opinion in Clinical Nutrition and Metabolic Care, 2010, 13, 75-80.	1.3	27
150	Recommendations on probiotics in allergy prevention should not be based on pooling data from different strains. Journal of Allergy and Clinical Immunology, 2015, 136, 1422.	1.5	27
151	Twoâ€Year Followâ€up of a Randomized Controlled Nutrition Intervention Trial in Very Lowâ€Birthâ€Weight Infants. Journal of Parenteral and Enteral Nutrition, 2018, 42, 122-131.	1.3	27
152	Late-onset Sepsis in Preterm Infants Can Be Detected Preclinically by Fecal Volatile Organic Compound Analysis: A Prospective, Multicenter Cohort Study. Clinical Infectious Diseases, 2019, 68, 70-77.	2.9	27
153	Analysis of [Uâ€¹³C₆]glucose in human plasma using liquid chromatography/isotope ratio mass spectrometry compared with two other mass spectrometry techniques. Rapid Communications in Mass Spectrometry, 2009, 23, 3824-3830.	0.7	26
154	Serum hepcidin measured by immunochemical and mass-spectrometric methods and their correlation with iron status indicators in healthy children aged 0.5â€“3 y. Pediatric Research, 2014, 76, 409-414.	1.1	26
155	Branched-chain amino acid requirements for enterally fed term neonates in the first month of life. American Journal of Clinical Nutrition, 2014, 99, 62-70.	2.2	26
156	Endoplasmic Reticulum Stress, Unfolded Protein Response and Altered T Cell Differentiation in Necrotizing Enterocolitis. PLoS ONE, 2013, 8, e78491.	1.1	26
157	Majority of Dietary Glutamine Is Utilized in First Pass in Preterm Infants. Pediatric Research, 2010, 67, 194-199.	1.1	25
158	Enteral Arginine Does Not Increase Superior Mesenteric Arterial Blood Flow but Induces Mucosal Growth in Neonatal Pigs. Journal of Nutrition, 2011, 141, 63-70.	1.3	25
159	Intravenous glutamine supplementation enhances renal de novo arginine synthesis in humans: a stable isotope study. American Journal of Clinical Nutrition, 2014, 100, 1385-1391.	2.2	25
160	The early postnatal nutritional intake of preterm infants affected neurodevelopmental outcomes differently in boys and girls at 24 months. Acta Paediatrica, International Journal of Paediatrics, 2017, 106, 242-249.	0.7	25
161	Early onset sepsis calculator implementation is associated with reduced healthcare utilization and financial costs in late preterm and term newborns. European Journal of Pediatrics, 2020, 179, 727-734.	1.3	25
162	Family integrated care in single family rooms for preterm infants and late-onset sepsis: a retrospective study and mediation analysis. Pediatric Research, 2020, 88, 593-600.	1.1	25

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163	High Beta-Palmitate Fat Controls the Intestinal Inflammatory Response and Limits Intestinal Damage in Mucin Muc2 Deficient Mice. PLoS ONE, 2013, 8, e65878.	1.1	25
164	Prolonged Mechanical Ventilation Induces Cell Cycle Arrest in Newborn Rat Lung. PLoS ONE, 2011, 6, e16910.	1.1	24
165	Validation of the Direct Nasopharyngeal Sampling Method for Collection of Expired Air in Preterm Neonates. Pediatric Research, 2004, 55, 50-54.	1.1	23
166	Illness severity and parental permission for clinical research in a pediatric ICU population. Intensive Care Medicine, 2005, 31, 880-884.	3.9	23
167	Nutritional support for extremely low-birth weight infants: abandoning catabolism in the neonatal intensive care unit. Current Opinion in Clinical Nutrition and Metabolic Care, 2010, 13, 327-335.	1.3	23
168	Risk factors for auditory neuropathy spectrum disorder in NICU infants compared to normalâ€hearing NICU controls. Laryngoscope, 2011, 121, 852-855.	1.1	23
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