Per Torp Sangild

List of Publications by Year
in descending order

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163 papers	5,546 citations	61984 43 h-index	110387 64 g-index
167 all docs	167 docs citations	167 times ranked	4036 citing authors

#	Article	IF	Citations
1	Anti-inflammatory mechanisms of bioactive milk proteins in the intestine of newborns. International Journal of Biochemistry and Cell Biology, 2013, 45, 1730-1747.	2.8	307
2	Diet- and Colonization-Dependent Intestinal Dysfunction Predisposes to Necrotizing Enterocolitis in Preterm Pigs. Gastroenterology, 2006, 130, 1776-1792.	1.3	249
3	Gut Responses to Enteral Nutrition in Preterm Infants and Animals. Experimental Biology and Medicine, 2006, 231, 1695-1711.	2.4	180
4	Enteral feeding induces diet-dependent mucosal dysfunction, bacterial proliferation, and necrotizing enterocolitis in preterm pigs on parenteral nutrition. American Journal of Physiology - Renal Physiology, 2008, 295, G1092-G1103.	3.4	129
5	The Prenatal Development and Glucocorticoid Control of Brush-Border Hydrolases in the Pig Small Intestine. Pediatric Research, 1995, 37, 207-212.	2.3	119
6	Preterm Birth Affects the Intestinal Response to Parenteral and Enteral Nutrition in Newborn Pigs. Journal of Nutrition, 2002, 132, 2673-2681.	2.9	114
7	Bacterial colonization and gut development in preterm neonates. Early Human Development, 2012, 88, S41-S49.	1.8	114
8	Carbohydrate maldigestion induces necrotizing enterocolitis in preterm pigs. American Journal of Physiology - Renal Physiology, 2009, 297, G1115-G1125.	3.4	111
9	Intrauterine Growth Restriction Delays Feeding-Induced Gut Adaptation in Term Newborn Pigs. Neonatology, 2011, 99, 208-216.	2.0	110
10	Clinical applications of bovine colostrum therapy: a systematic review. Nutrition Reviews, 2014, 72, 237-254.	5.8	109
11	Nutritional modulation of the gut microbiota and immune system in preterm neonates susceptible to necrotizing enterocolitis. Journal of Nutritional Biochemistry, 2011, 22, 511-521.	4.2	98
12	Early gradual feeding with bovine colostrum improves gut function and NEC resistance relative to infant formula in preterm pigs. American Journal of Physiology - Renal Physiology, 2015, 309, G310-G323.	3.4	80
13	Similar efficacy of human banked milk and bovine colostrum to decrease incidence of necrotizing enterocolitis in preterm piglets. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2013, 305, R4-R12.	1.8	76
14	Formula-feeding reduces lactose digestive capacity in neonatal pigs. British Journal of Nutrition, 2006, 95, 1075-1081.	2.3	75
15	Bovine colostrum is superior to enriched formulas in stimulating intestinal function and necrotising enterocolitis resistance in preterm pigs. British Journal of Nutrition, 2011, 105, 44-53.	2.3	74
16	Prenatal Development of Gastrointestinal Function in the Pig and the Effects of Fetal Esophageal Obstruction. Pediatric Research, 2002, 52, 416-424.	2.3	69
17	Bovine colostrum improves neonatal growth, digestive function, and gut immunity relative to donor human milk and infant formula in preterm pigs. American Journal of Physiology - Renal Physiology, 2016, 311, G480-G491.	3.4	69
18	Antibiotics modulate intestinal immunity and prevent necrotizing enterocolitis in preterm neonatal piglets. American Journal of Physiology - Renal Physiology, 2014, 306, G59-G71.	3.4	68

#	Article	IF	Citations
19	Delayed growth, motor function and learning in preterm pigs during early postnatal life. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2016, 310, R481-R492.	1.8	66
20	Glucagon-Like Peptide 2 Enhances Maltase-Glucoamylase and Sucrase-Isomaltase Gene Expression and Activity in Parenterally Fed Premature Neonatal Piglets. Pediatric Research, 2002, 52, 498-503.	2.3	65
21	Preterm birth makes the immature intestine sensitive to feeding-induced intestinal atrophy. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2005, 289, R1212-R1222.	1.8	65
22	Marked methylation changes in intestinal genes during the perinatal period of preterm neonates. BMC Genomics, 2014, 15, 716.	2.8	65
23	Chorioamnionitis, neuroinflammation, and injury: timing is key in the preterm ovine fetus. Journal of Neuroinflammation, 2018, 15, 113.	7.2	63
24	Bovine Milk Oligosaccharides with Sialyllactose Improves Cognition in Preterm Pigs. Nutrients, 2019, 11, 1335.	4.1	60
25	Effect of fecal microbiota transplantation route of administration on gut colonization and host response in preterm pigs. ISME Journal, 2019, 13, 720-733.	9.8	59
26	Delayed development of systemic immunity in preterm pigs as a model for preterm infants. Scientific Reports, 2016, 6, 36816.	3.3	58
27	DietâEDependent Effects of Minimal Enteral Nutrition on Intestinal Function and Necrotizing Enterocolitis in Preterm Pigs. Journal of Parenteral and Enteral Nutrition, 2011, 35, 32-42.	2.6	57
28	Transition from parenteral to enteral nutrition induces immediate diet-dependent gut histological and immunological responses in preterm neonates. American Journal of Physiology - Renal Physiology, 2011, 301, G435-G445.	3.4	56
29	Bovine lactoferrin regulates cell survival, apoptosis and inflammation in intestinal epithelial cells and preterm pig intestine. Journal of Proteomics, 2016, 139, 95-102.	2.4	54
30	Animal models of chemotherapy-induced mucositis: translational relevance and challenges. American Journal of Physiology - Renal Physiology, 2018, 314, G231-G246.	3.4	54
31	Animal models of gastrointestinal and liver diseases. Animal models of infant short bowel syndrome: translational relevance and challenges. American Journal of Physiology - Renal Physiology, 2014, 307, G1147-G1168.	3.4	53
32	Bovine colostrum improves intestinal function following formula-induced gut inflammation in preterm pigs. Clinical Nutrition, 2014, 33, 322-329.	5.0	53
33	Enteral but not parenteral antibiotics enhance gut function and prevent necrotizing enterocolitis in formula-fed newborn preterm pigs. American Journal of Physiology - Renal Physiology, 2016, 310, G323-G333.	3.4	53
34	Intestinal Macromolecule Absorption in the Fetal Pig after Infusion of Colostrum in Utero. Pediatric Research, 1999, 45, 595-602.	2.3	53
35	Human milk oligosaccharide effects on intestinal function and inflammation after preterm birth in pigs. Journal of Nutritional Biochemistry, 2017, 40, 141-154.	4.2	52
36	Introducing enteral feeding induces intestinal subclinical inflammation and respective chromatin changes in preterm pigs. Epigenomics, 2015, 7, 553-565.	2.1	51

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37	IUGR Does Not Predispose to Necrotizing Enterocolitis or Compromise Postnatal Intestinal Adaptation in Preterm Pigs. Pediatric Research, 2010, 67, 54-59.	2.3	49
38	Pasteurization Procedures for Donor Human Milk Affect Body Growth, Intestinal Structure, and Resistance against Bacterial Infections in Preterm Pigs. Journal of Nutrition, 2017, 147, 1121-1130.	2.9	49
39	Glucagon-like peptide-2 induces rapid digestive adaptation following intestinal resection in preterm neonates. American Journal of Physiology - Renal Physiology, 2013, 305, G277-G285.	3.4	48
40	Early microbial colonization affects DNA methylation of genes related to intestinal immunity and metabolism in preterm pigs. DNA Research, 2018, 25, 287-296.	3.4	48
41	Preterm Birth and Necrotizing Enterocolitis Alter Gut Colonization in Pigs. Pediatric Research, 2011, 69, 10-16.	2.3	46
42	Effects of bovine lactoferrin on the immature porcine intestine. British Journal of Nutrition, 2014, 111, 321-331.	2.3	46
43	Raw bovine milk improves gut responses to feeding relative to infant formula in preterm piglets. American Journal of Physiology - Renal Physiology, 2014, 306, G81-G90.	3.4	46
44	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.	2.6	42
45	Translational Advances in Pediatric Nutrition and Gastroenterology: New Insights from Pig Models. Annual Review of Animal Biosciences, 2020, 8, 321-354.	7.4	42
46	The Incidence of Necrotizing Enterocolitis Is Increased Following Probiotic Administration to Preterm Pigs3. Journal of Nutrition, 2011, 141, 223-230.	2.9	41
47	Neonatal gut and immune maturation is determined more by postnatal age than by postconceptional age in moderately preterm pigs. American Journal of Physiology - Renal Physiology, 2018, 315, G855-G867.	3.4	41
48	Prenatal Intra-Amniotic Endotoxin Induces Fetal Gut and Lung Immune Responses and Postnatal Systemic Inflammation in Preterm Pigs. American Journal of Pathology, 2018, 188, 2629-2643.	3.8	40
49	Oral Supplementation With Bovine Colostrum Prevents Septic Shock and Brain Barrier Disruption During Bloodstream Infection in Preterm Newborn Pigs. Shock, 2019, 51, 337-347.	2.1	40
50	Whey Protein Processing Influences Formula-Induced Gut Maturation in Preterm Pigs. Journal of Nutrition, 2013, 143, 1934-1942.	2.9	39
51	Bovine Colostrum for Preterm Infants in the First Days of Life. Journal of Pediatric Gastroenterology and Nutrition, 2018, 66, 471-478.	1.8	39
52	Human Milk Fortification with Bovine Colostrum Is Superior to Formulaâ€Based Fortifiers to Prevent Gut Dysfunction, Necrotizing Enterocolitis, and Systemic Infection in Preterm Pigs. Journal of Parenteral and Enteral Nutrition, 2019, 43, 252-262.	2.6	39
53	Milk feed osmolality and adverse events in newborn infants and animals: a systematic review. Archives of Disease in Childhood: Fetal and Neonatal Edition, 2019, 104, F333-F340.	2.8	38
54	Elevated levels of circulating cell-free DNA and neutrophil proteins are associated with neonatal sepsis and necrotizing enterocolitis in immature mice, pigs and infants. Innate Immunity, 2017, 23, 524-536.	2.4	37

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55	Oral antibiotics increase blood neutrophil maturation and reduce bacteremia and necrotizing enterocolitis in the immediate postnatal period of preterm pigs. Innate Immunity, 2016, 22, 51-62.	2.4	36
56	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.	1.8	36
57	Necrotizing enterocolitis is associated with acute brain responses in preterm pigs. Journal of Neuroinflammation, 2018, 15, 180.	7.2	34
58	Intestinal Threonine Utilization for Protein and Mucin Synthesis Is Decreased in Formula-Fed Preterm Pigs,. Journal of Nutrition, 2011, 141, 1306-1311.	2.9	33
59	Rapid gut growth but persistent delay in digestive function in the postnatal period of preterm pigs. American Journal of Physiology - Renal Physiology, 2016, 310, G550-G560.	3.4	32
60	The Small Intestine Proteome Is Changed in Preterm Pigs Developing Necrotizing Enterocolitis in Response to Formula Feeding3. Journal of Nutrition, 2008, 138, 1895-1901.	2.9	29
61	Dietâ€dependent Mucosal Colonization and Interleukinâ€1Î² Responses in Preterm Pigs Susceptible to Necrotizing Enterocolitis. Journal of Pediatric Gastroenterology and Nutrition, 2009, 49, 90-98.	1.8	29
62	A Stepwise, Pilot Study of Bovine Colostrum to Supplement the First Enteral Feeding in Preterm Infants (Precolos): Study Protocol and Initial Results. Frontiers in Pediatrics, 2017, 5, 42.	1.9	29
63	Nutrient Fortification of Human Donor Milk Affects Intestinal Function and Protein Metabolism in Preterm Pigs. Journal of Nutrition, 2018, 148, 336-347.	2.9	29
64	Bacterial Colonization Affects the Intestinal Proteome of Preterm Pigs Susceptible to Necrotizing Enterocolitis. Neonatology, 2011, 99, 280-288.	2.0	27
65	Antibiotics Increase Gut Metabolism and Antioxidant Proteins and Decrease Acute Phase Response and Necrotizing Enterocolitis in Preterm Neonates. PLoS ONE, 2012, 7, e44929.	2.5	27
66	Transforming growth factor-Î²2 and endotoxin interact to regulate homeostasis via interleukin-8 levels in the immature intestine. American Journal of Physiology - Renal Physiology, 2014, 307, G689-G699.	3.4	27
67	Modulation of Intestinal Inflammation by Minimal Enteral Nutrition With Amniotic Fluid in Preterm Pigs. Journal of Parenteral and Enteral Nutrition, 2014, 38, 576-586.	2.6	27
68	Spray Dried, Pasteurised Bovine Colostrum Protects Against Gut Dysfunction and Inflammation in Preterm Pigs. Journal of Pediatric Gastroenterology and Nutrition, 2016, 63, 280-287.	1.8	27
69	Minimal short-term effect of dietary 2'-fucosyllactose on bacterial colonisation, intestinal function and necrotising enterocolitis in preterm pigs. British Journal of Nutrition, 2016, 116, 834-841.	2.3	26
70	Gut and immune effects of bioactive milk factors in preterm pigs exposed to prenatal inflammation. American Journal of Physiology - Renal Physiology, 2019, 317, G67-G77.	3.4	26
71	Aldohexose Malabsorption in Preterm Pigs Is Directly Related to the Severity of Necrotizing Enterocolitis. Pediatric Research, 2008, 63, 382-387.	2.3	25
72	Genome-wide DNA methylation analysis of the porcine hypothalamus-pituitary-ovary axis. Scientific Reports, 2017, 7, 4277.	3.3	25

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73	Potential Benefits of Bovine Colostrum in Pediatric Nutrition and Health. Nutrients, 2021, 13, 2551.	4.1	25
74	Bovine Colostrum Against Chemotherapyâ€Induced Gastrointestinal Toxicity in Children With Acute Lymphoblastic Leukemia: A Randomized, Doubleâ€Blind, Placeboâ€Controlled Trial. Journal of Parenteral and Enteral Nutrition, 2020, 44, 337-347.	2.6	24
75	Bioactive proteins in bovine colostrum and effects of heating, drying and irradiation. Food and Function, 2020, 11, 2309-2327.	4.6	23
76	Bovine Colostrum Before or After Formula Feeding Improves Systemic Immune Protection and Gut Function in Newborn Preterm Pigs. Frontiers in Immunology, 2019, 10, 3062.	4.8	23
77	Temporal Proteomic Analysis of Intestine Developing Necrotizing Enterocolitis following Enteral Formula Feeding to Preterm Pigs. Journal of Proteome Research, 2009, 8, 72-81.	3.7	22
78	Bioactive Whey Protein Concentrate and Lactose Stimulate Gut Function in Formulaâ€fed Preterm Pigs. Journal of Pediatric Gastroenterology and Nutrition, 2018, 66, 128-134.	1.8	22
79	Rapid Proteome Changes in Plasma and Cerebrospinal Fluid Following Bacterial Infection in Preterm Newborn Pigs. Frontiers in Immunology, 2019, 10, 2651.	4.8	22
80	Enteral Feeding Reduces Endothelial Nitric Oxide Synthase in the Caudal Intestinal Microvasculature of Preterm Piglets. Pediatric Research, 2008, 63, 137-142.	2.3	21
81	Intestinal proteome changes during infant necrotizing enterocolitis. Pediatric Research, 2013, 73, 268-276.	2.3	21
82	The effect of ileal interposition surgery on enteroendocrine cell numbers in the UC Davis type 2 diabetes mellitus rat. Regulatory Peptides, 2014, 189, 31-39.	1.9	21
83	Dual purpose use of preterm piglets as a model of pediatric GI disease. Veterinary Immunology and Immunopathology, 2014, 159, 156-165.	1.2	21
84	Brain Barrier Disruption and Region-Specific Neuronal Degeneration during Necrotizing Enterocolitis in Preterm Pigs. Developmental Neuroscience, 2018, 40, 198-208.	2.0	21
85	FortiColos â€“ a multicentre study using bovine colostrum as a fortifier to human milk in very preterm infants: study protocol for a randomised controlled pilot trial. Trials, 2019, 20, 279.	1.6	21
86	Heat treatment and irradiation reduce anti-bacterial and immune-modulatory properties of bovine colostrum. Journal of Functional Foods, 2019, 57, 182-189.	3.4	21
87	Bovine Colostrum Modulates Myeloablative Chemotherapyâ€“Induced Gut Toxicity in Piglets. Journal of Nutrition, 2015, 145, 1472-1480.	2.9	20
88	Provision of Amniotic Fluid During Parenteral Nutrition Increases Weight Gain With Limited Effects on Gut Structure, Function, Immunity, and Microbiology in Newborn Preterm Pigs. Journal of Parenteral and Enteral Nutrition, 2016, 40, 552-566.	2.6	20
89	Growth Restriction and Systemic Immune Development in Preterm Piglets. Frontiers in Immunology, 2019, 10, 2402.	4.8	20
90	Alpha-Lactalbumin Enriched Whey Protein Concentrate to Improve Gut, Immunity and Brain Development in Preterm Pigs. Nutrients, 2020, 12, 245.	4.1	20

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91	Impaired Neonatal Immunity and Infection Resistance Following Fetal Growth Restriction in Preterm Pigs. Frontiers in Immunology, 2020, 11, 1808.	4.8	19
92	Diet Modulates the High Sensitivity to Systemic Infection in Newborn Preterm Pigs. Frontiers in Immunology, 2020, 11, 1019.	4.8	19
93	Preterm Birth Reduces Nutrient Absorption With Limited Effect on Immune Gene Expression and Gut Colonization in Pigs. Journal of Pediatric Gastroenterology and Nutrition, 2015, 61, 481-490.	1.8	18
94	Physical activity level is impaired and diet dependent in preterm newborn pigs. Pediatric Research, 2015, 78, 137-144.	2.3	18
95	Rapid Postnatal Adaptation of Neurodevelopment in Pigs Born Late Preterm. Developmental Neuroscience, 2018, 40, 586-600.	2.0	18
96	Glucagon-like peptide 2 has limited efficacy to increase nutrient absorption in fetal and preterm pigs. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2007, 293, R2179-R2184.	1.8	17
97	Bovine Milk Oligosaccharides with Sialyllactose for Preterm Piglets. Nutrients, 2018, 10, 1489.	4.1	17
98	Intestinal response to myeloablative chemotherapy in piglets. Experimental Biology and Medicine, 2014, 239, 94-104.	2.4	16
99	Intestinal proteomics in pig models of necrotising enterocolitis, short bowel syndrome and intrauterine growth restriction. Proteomics - Clinical Applications, 2014, 8, 700-714.	1.6	16
100	Prematurity Reduces Functional Adaptation to Intestinal Resection in Piglets. Journal of Parenteral and Enteral Nutrition, 2015, 39, 668-676.	2.6	16
101	Processing of whey modulates proliferative and immune functions in intestinal epithelial cells. Journal of Dairy Science, 2016, 99, 959-969.	3.4	16
102	Beneficial Effect of Mildly Pasteurized Whey Protein on Intestinal Integrity and Innate Defense in Preterm and Near-Term Piglets. Nutrients, 2020, 12, 1125.	4.1	16
103	Supplemental Insulin-Like Growth Factor-1 and Necrotizing Enterocolitis in Preterm Pigs. Frontiers in Pediatrics, 2020, 8, 602047.	1.9	16
104	Limited effects of preterm birth and the first enteral nutrition on cerebellum morphology and gene expression in piglets. Physiological Reports, 2016, 4, e12871.	1.7	15
105	Metabolism of Milk Oligosaccharides in Preterm Pigs Sensitive to Necrotizing Enterocolitis. Frontiers in Nutrition, 2019, 6, 23.	3.7	15
106	Synbiotics Combined with Glutamine Stimulate Brain Development and the Immune System in Preterm Pigs. Journal of Nutrition, 2019, 149, 36-45.	2.9	15
107	Sex-Specific Survival, Growth, Immunity and Organ Development in Preterm Pigs as Models for Immature Newborns. Frontiers in Pediatrics, 2021, 9, 626101.	1.9	15
108	Intestinal Hydrolytic Activity in Young Mink (Mustela vison) Develops Slowly Postnatally and Exhibits Late Sensitivity to Glucocorticoids. Journal of Nutrition, 1996, 126, 2061-2067.	2.9	14

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109	Milk diets influence doxorubicin-induced intestinal toxicity in piglets. American Journal of Physiology - Renal Physiology, 2016, 311, G324-G333.	3.4	14
110	Enteral broad-spectrum antibiotics antagonize the effect of fecal microbiota transplantation in preterm pigs. Gut Microbes, 2021, 13, 1-16.	9.8	14
111	Enteral Feeding In Utero Induces Marked Intestinal Structural and Functional Proteome Changes in Pig Fetuses. Pediatric Research, 2011, 69, 123-128.	2.3	13
112	Premature Delivery Reduces Intestinal Cytoskeleton, Metabolism, and Stress Response Proteins in Newborn Formulaâ€Fed Pigs. Journal of Pediatric Gastroenterology and Nutrition, 2013, 56, 615-622.	1.8	13
113	Protective Effects of Transforming Growth Factor Î²2 in Intestinal Epithelial Cells by Regulation of Proteins Associated with Stress and Endotoxin Responses. PLoS ONE, 2015, 10, e0117608.	2.5	13
114	Prematurity does not markedly affect intestinal sensitivity to endotoxins and feeding in pigs. British Journal of Nutrition, 2012, 108, 672-681.	2.3	12
115	Doxorubicinâ€Induced Gut Toxicity in Piglets Fed Bovine Milk and Colostrum. Journal of Pediatric Gastroenterology and Nutrition, 2016, 63, 698-707.	1.8	12
116	Diet-dependent changes in the intestinal DNA methylome after introduction of enteral feeding in preterm pigs. Epigenomics, 2018, 10, 395-408.	2.1	12
117	Prenatal inflammation suppresses blood Th1 polarization and gene clusters related to cellular energy metabolism in preterm newborns. FASEB Journal, 2020, 34, 2896-2911.	0.5	11
118	Postnatal Gut Immunity and Microbiota Development Is Minimally Affected by Prenatal Inflammation in Preterm Pigs. Frontiers in Immunology, 2020, 11, 420.	4.8	11
119	Supplementary Bovine Colostrum Feedings to Formulaâ€Fed Preterm Pigs Improve Gut Function and Reduce Necrotizing Enterocolitis. Journal of Pediatric Gastroenterology and Nutrition, 2021, 73, e39-e46.	1.8	11
120	Parenteral lipids and partial enteral nutrition affect hepatic lipid composition but have limited short term effects on formula-induced necrotizing enterocolitis in preterm piglets. Clinical Nutrition, 2015, 34, 219-228.	5.0	10
121	Physical Activity and Gastric Residuals as Biomarkers for Region-Specific NEC Lesions in Preterm Neonates. Neonatology, 2016, 110, 241-247.	2.0	10
122	Nutrient Restriction has Limited Short-Term Effects on Gut, Immunity, and Brain Development in Preterm Pigs. Journal of Nutrition, 2020, 150, 1196-1207.	2.9	10
123	Milk Osteopontin for Gut, Immunity and Brain Development in Preterm Pigs. Nutrients, 2021, 13, 2675.	4.1	10
124	Increased Intestinal Inflammation and Digestive Dysfunction in Preterm Pigs with Severe Necrotizing Enterocolitis. Neonatology, 2017, 111, 289-296.	2.0	9
125	Mildly Pasteurized Whey Protein Promotes Gut Tolerance in Immature Piglets Compared with Extensively Heated Whey Protein. Nutrients, 2020, 12, 3391.	4.1	9
126	Rapid Gut Adaptation to Preterm Birth Involves Feeding-Related DNA Methylation Reprogramming of Intestinal Genes in Pigs. Frontiers in Immunology, 2020, 11, 565.	4.8	9

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127	Gut transit time, using radiological contrast imaging, to predict early signs of necrotizing enterocolitis. Pediatric Research, 2021, 89, 127-133.	2.3	9
128	Performances of Different Fragment Sizes for Reduced Representation Bisulfite Sequencing in Pigs. Biological Procedures Online, 2017, 19, 5.	2.9	8
129	Pathogenesis and biomarkers for necrotizing enterocolitis: Getting any closer?. EBioMedicine, 2019, 45, 13-14.	6.1	8
130	Rapid Cerebral Metabolic Shift during Neonatal Sepsis Is Attenuated by Enteral Colostrum Supplementation in Preterm Pigs. Metabolites, 2019, 9, 13.	2.9	8
131	Prenatal Endotoxin Exposure Induces Fetal and Neonatal Renal Inflammation via Innate and Th1 Immune Activation in Preterm Pigs. Frontiers in Immunology, 2020, 11, 565484.	4.8	8
132	Early Protein Markers of Necrotizing Enterocolitis in Plasma of Preterm Pigs Exposed to Antibiotics. Frontiers in Immunology, 2020, 11, 565862.	4.8	8
133	Chemotherapeutic treatment reduces circulating levels of surfactant proteinâ€Ð in children with acute lymphoblastic leukemia. Pediatric Blood and Cancer, 2017, 64, e26253.	1.5	7
134	Translational neonatology research: transformative encounters across species and disciplines. History and Philosophy of the Life Sciences, 2018, 40, 21.	1.1	7
135	Direct Implementation of Intestinal Permeability Test in NMR Metabolomics for Simultaneous Biomarker Discoveryâ€"A Feasibility Study in a Preterm Piglet Model. Metabolites, 2020, 10, 22.	2.9	7
136	Dairy-Derived Emulsifiers in Infant Formula Show Marginal Effects on the Plasma Lipid Profile and Brain Structure in Preterm Piglets Relative to Soy Lecithin. Nutrients, 2021, 13, 718.	4.1	7
137	Blood transcriptomic markers of necrotizing enterocolitis in preterm pigs. Pediatric Research, 2022, 91, 1113-1120.	2.3	7
138	Feeding premature neonates: Kinship and species in translational neonatology. Social Science and Medicine, 2017, 179, 129-136.	3.8	6
139	Supplementation with Lactobacillus paracasei or Pediococcus pentosaceus does not prevent diarrhoea in neonatal pigs infected with Escherichia coli F18. British Journal of Nutrition, 2017, 118, 109-120.	2.3	6
140	Preterm Birth Has Effects on Gut Colonization in Piglets Within the First 4 Weeks of Life. Journal of Pediatric Gastroenterology and Nutrition, 2019, 68, 727-733.	1.8	6
141	Gastric Residual to Predict Necrotizing Enterocolitis in Preterm Piglets As Models for Infants. Journal of Parenteral and Enteral Nutrition, 2021, 45, 87-93.	2.6	6
142	Differential Brain and Cerebrospinal Fluid Proteomic Responses to Acute Prenatal Endotoxin Exposure. Molecular Neurobiology, 2022, 59, 2204-2218.	4.0	6
143	Growth and Clinical Variables in Nitrogen-Restricted Piglets Fed an Adjusted Essential Amino Acid Mix: Effects of Partially Intact Protein-Based Diets. Journal of Nutrition, 2018, 148, 1118-1125.	2.9	5
144	Gut colonization in preterm infants supplemented with bovine colostrum in the first week of life: An explorative pilot study. Journal of Parenteral and Enteral Nutrition, 2022, 46, 592-599.	2.6	5

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145	Subclinical necrotizing enterocolitis-induced systemic immune suppression in neonatal preterm pigs. American Journal of Physiology - Renal Physiology, 2021, 321, G18-G28.	3.4	5
146	Laparoscopy to Assist Surgical Decisions Related to Necrotizing Enterocolitis in Preterm Neonates. Journal of Laparoendoscopic and Advanced Surgical Techniques - Part A, 2020, 30, 64-69.	1.0	4
147	Plasma Metabolomics to Evaluate Progression of Necrotising Enterocolitis in Preterm Pigs. Metabolites, 2021, 11, 283.	2.9	4
148	Radiographic Imaging to Evaluate Food Passage Rate in Preterm Piglets as a Model for Preterm Infants. Frontiers in Pediatrics, 2020, 8, 624915.	1.9	4
149	Glucagon-Like Peptide 2 Enhances Maltase-Glucoamylase and Sucrase-Isomaltase Gene Expression and Activity in Parenterally Fed Premature Neonatal Piglets. Pediatric Research, 2002, 52, 498-503.	2.3	4
150	Corn-Soy-Blend Fortified with Phosphorus to Prevent Refeeding Hypophosphatemia in Undernourished Piglets. PLoS ONE, 2017, 12, e0170043.	2.5	3
151	Trophic factors in the treatment and prevention of alimentary tract mucositis. Current Opinion in Supportive and Palliative Care, 2018, 12, 181-186.	1.3	3
152	Growth and Clinical Variables in Nitrogen-Restricted Piglets Fed an Adjusted Essential Amino Acid Mix: Effects of Free Amino Acidâ€“Based Diets. Journal of Nutrition, 2018, 148, 1109-1117.	2.9	3
153	Editorial: Immunity in Compromised Newborns. Frontiers in Immunology, 2021, 12, 732332.	4.8	3
154	Preterm Birth Affects Early Motor Development in Pigs. Frontiers in Pediatrics, 2021, 9, 731877.	1.9	3
155	Physical Activity and Spatial Memory Are Minimally Affected by Moderate Growth Restriction in Preterm Piglets. Developmental Neuroscience, 2019, 41, 247-254.	2.0	2
156	Co-bedding of Preterm Newborn Pigs Reduces Necrotizing Enterocolitis Incidence Independent of Vital Functions and Cortisol Levels. Frontiers in Pediatrics, 2021, 9, 636638.	1.9	2
157	Prenatal Development of Gastrointestinal Function in the Pig and the Effects of Fetal Esophageal Obstruction. Pediatric Research, 2002, 52, 416-424.	2.3	2
158	Intestinal perfusion assessed by quantitative fluorescence angiography in piglets with necrotizing enterocolitis. Journal of Pediatric Surgery, 2022, 57, 747-752.	1.6	2
159	Glucagon-Like Peptide 2 Stimulates Postresection Intestinal Adaptation in Preterm Pigs by Affecting Proteins Related to Protein, Carbohydrate, and Sulphur Metabolism. Journal of Parenteral and Enteral Nutrition, 2017, 41, 1293-1300.	2.6	1
160	Exocrine Pancreatic Maturation in Pre-term and Term Piglets Supplemented With Bovine Colostrum. Frontiers in Nutrition, 2021, 8, 687056.	3.7	1
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