

Isabelle Le Hurou-Luron

List of Publications by Citations

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Version: 2024-04-27

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24
papers

995
citations

15
h-index

24
g-index

24
ext. papers

1,166
ext. citations

4
avg, IF

4.1
L-index

#	Paper	IF	Citations
24	Breast- v. formula-feeding: impacts on the digestive tract and immediate and long-term health effects. <i>Nutrition Research Reviews</i> , 2010 , 23, 23-36	7	284
23	Critical review evaluating the pig as a model for human nutritional physiology. <i>Nutrition Research Reviews</i> , 2016 , 29, 60-90	7	143
22	Intrauterine growth restriction modifies the developmental pattern of intestinal structure, transcriptomic profile, and bacterial colonization in neonatal pigs. <i>Journal of Nutrition</i> , 2010 , 140, 925-34 ¹	4.1	99
21	In vivo digestion of infant formula in piglets: protein digestion kinetics and release of bioactive peptides. <i>British Journal of Nutrition</i> , 2012 , 108, 2105-14	3.6	68
20	Infant formula interface and fat source impact on neonatal digestion and gut microbiota. <i>European Journal of Lipid Science and Technology</i> , 2015 , 117, 1500-1512	3	43
19	A mixture of milk and vegetable lipids in infant formula changes gut digestion, mucosal immunity and microbiota composition in neonatal piglets. <i>European Journal of Nutrition</i> , 2018 , 57, 463-476	5.2	42
18	Maternal short-chain fructooligosaccharide supplementation influences intestinal immune system maturation in piglets. <i>PLoS ONE</i> , 2014 , 9, e107508	3.7	41
17	The level of protein in milk formula modifies ileal sensitivity to LPS later in life in a piglet model. <i>PLoS ONE</i> , 2011 , 6, e19594	3.7	40
16	Effect of milk formula protein content on intestinal barrier function in a porcine model of LBW neonates. <i>Pediatric Research</i> , 2011 , 69, 4-9	3.2	33
15	Early weaning stimulates intestinal brush border enzyme activities in piglets, mainly at the posttranscriptional level. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2005 , 41, 401-10	2.8	33
14	Maternal short-chain fructo-oligosaccharide supplementation increases intestinal cytokine secretion, goblet cell number, butyrate concentration and Lawsonia intracellularis humoral vaccine response in weaned pigs. <i>British Journal of Nutrition</i> , 2017 , 117, 83-92	3.6	28
13	Impact of intrauterine growth retardation and early protein intake on growth, adipose tissue, and the insulin-like growth factor system in piglets. <i>Pediatric Research</i> , 2009 , 65, 45-50	3.2	27
12	Perinatal short-chain fructooligosaccharides program intestinal microbiota and improve enteroinsular axis function and inflammatory status in high-fat diet-fed adult pigs. <i>FASEB Journal</i> , 2019 , 33, 301-313	0.9	19
11	Spontaneous intra-uterine growth restriction modulates the endocrine status and the developmental expression of genes in porcine fetal and neonatal adipose tissue. <i>General and Comparative Endocrinology</i> , 2013 , 194, 208-16	3	18
10	Addition of dairy lipids and probiotic <i>Lactobacillus fermentum</i> in infant formula programs gut microbiota and entero-insular axis in adult minipigs. <i>Scientific Reports</i> , 2018 , 8, 11656	4.9	17
9	Short-chain fructooligosaccharide supplementation during gestation and lactation or after weaning differentially impacts pig growth and IgA response to influenza vaccination. <i>Journal of Functional Foods</i> , 2016 , 24, 307-315	5.1	15
8	The protein level of isoenergetic formulae does not modulate postprandial insulin secretion in piglets and has no consequences on later glucose tolerance. <i>British Journal of Nutrition</i> , 2012 , 108, 102-12 ⁶	3.6	13

7	Health benefits of dairy lipids and MFGM in infant formula. <i>OCL - Oilseeds and Fats, Crops and Lipids</i> , 2018 , 25, D306	1.5	9
6	Maternal 18:3n-3 favors piglet intestinal passage of LPS and promotes intestinal anti-inflammatory response to this bacterial ligand. <i>Journal of Nutritional Biochemistry</i> , 2014 , 25, 1090-8	6.3	8
5	Comparing the intestinal transcriptome of Meishan and Large White piglets during late fetal development reveals genes involved in glucose and lipid metabolism and immunity as valuable clues of intestinal maturity. <i>BMC Genomics</i> , 2017 , 18, 647	4.5	6
4	New Insights Into Microbiota Modulation-Based Nutritional Interventions for Neurodevelopmental Outcomes in Preterm Infants. <i>Frontiers in Microbiology</i> , 2021 , 12, 676622	5.7	3
3	Addition of Dairy Lipids and Probiotic in Infant Formulas Modulates Proteolysis and Lipolysis With Moderate Consequences on Gut Physiology and Metabolism in Yucatan Piglets. <i>Frontiers in Nutrition</i> , 2021 , 8, 615248	6.2	3
2	Quels bénéfices santé de la matière grasse laitière et des membranes des globules gras du lait (MFGM) dans les préparations pour nourrissons?. <i>Cahiers De Nutrition Et De Dietetique</i> , 2019 , 54, 52-60	0.2	2
1	Maternal Supplementation of Food Ingredient (Prebiotic) or Food Contaminant (Mycotoxin) Influences Mucosal Immune System in Piglets. <i>Nutrients</i> , 2020 , 12,	6.7	1