

# Olena Prykhodko

## List of Publications by Citations

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37  
papers

394  
citations

13  
h-index

17  
g-index

41  
ext. papers

488  
ext. citations

3.4  
avg, IF

3.43  
L-index

#	Paper	IF	Citations
37	Induced growth and maturation of the gastrointestinal tract after Phaseolus vulgaris lectin exposure in suckling rats. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , <b>2005</b> , 41, 195-203	2.8	28
36	Increased intestinal permeability and gut dysbiosis in the R6/2 mouse model of Huntington's disease. <i>Scientific Reports</i> , <b>2020</b> , 10, 18270	4.9	27
35	Binding and the effect of the red kidney bean lectin, phytohaemagglutinin, in the gastrointestinal tract of suckling rats. <i>British Journal of Nutrition</i> , <b>2006</b> , 95, 105-15	3.6	26
34	Effects of protein malnutrition on tolerance to helminth infection. <i>Biology Letters</i> , <b>2016</b> , 12,	3.6	21
33	Maturation of the Intestinal Epithelial Barrier in Neonatal Rats Coincides with Decreased FcRn Expression, Replacement of Vacuolated Enterocytes and Changed Blimp-1 Expression. <i>PLoS ONE</i> , <b>2016</b> , 11, e0164775	3.7	19
32	The effect of long-term lactobacilli (lactic acid bacteria) enteral treatment on the central nervous system of growing rats. <i>Journal of Nutritional Biochemistry</i> , <b>2009</b> , 20, 677-84	6.3	18
31	Intake of Blueberry Fermented by Lactobacillus plantarum Affects the Gut Microbiota of L-NAME Treated Rats. <i>Evidence-based Complementary and Alternative Medicine</i> , <b>2013</b> , 2013, 809128	2.3	17
30	A piglet with surgically induced exocrine pancreatic insufficiency as an animal model of newborns to study fat digestion. <i>British Journal of Nutrition</i> , <b>2014</b> , 112, 2060-7	3.6	15
29	Lingonberries and their two separated fractions differently alter the gut microbiota, improve metabolic functions, reduce gut inflammatory properties, and improve brain function in ApoE-/- mice fed high-fat diet. <i>Nutritional Neuroscience</i> , <b>2020</b> , 23, 600-612	3.6	15
28	Behavioral changes in response to feeding pancreatic-like enzymes to exocrine pancreatic insufficiency pigs. <i>Journal of Animal Science</i> , <b>2012</b> , 90 Suppl 4, 439-41	0.7	14
27	Impact of dietary induced precocious gut maturation on cecal microbiota and its relation to the blood-brain barrier during the postnatal period in rats. <i>Neurogastroenterology and Motility</i> , <b>2018</b> , 30, e13285	4	13
26	Impact of colostrum and plasma immunoglobulin intake on hippocampus structure during early postnatal development in pigs. <i>International Journal of Developmental Neuroscience</i> , <b>2014</b> , 35, 64-71	2.7	13
25	Pancreatic and pancreatic-like microbial proteases accelerate gut maturation in neonatal rats. <i>PLoS ONE</i> , <b>2015</b> , 10, e0116947	3.7	13
24	Enterally but not parenterally administered Phaseolus vulgaris lectin induces growth and precocious maturation of the gut in suckling rats. <i>Neonatology</i> , <b>2006</b> , 89, 60-8	4	13
23	Decreased insulin secretion and glucose clearance in exocrine pancreas-insufficient pigs. <i>Experimental Physiology</i> , <b>2016</b> , 101, 100-12	2.4	13
22	Effects of monobutylin and tributyrin on liver lipid profile, caecal microbiota composition and SCFA in high-fat diet-fed rats. <i>Journal of Nutritional Science</i> , <b>2017</b> , 6, e51	2.7	12
21	Monobutylin Reduces Liver Cholesterol and Improves Intestinal Barrier Function in Rats Fed High-Fat Diets. <i>Nutrients</i> , <b>2019</b> , 11,	6.7	12

20	Effect of feeding colostrum versus exogenous immunoglobulin G on gastrointestinal structure and enteric nervous system in newborn pigs. <i>Journal of Animal Science</i> , <b>2012</b> , 90 Suppl 4, 327-30	0.7	11
19	Impact of Rye Kernel-Based Evening Meal on Microbiota Composition of Young Healthy Lean Volunteers With an Emphasis on Their Hormonal and Appetite Regulations, and Blood Levels of Brain-Derived Neurotrophic Factor. <i>Frontiers in Nutrition</i> , <b>2018</b> , 5, 45	6.2	10
18	Precocious gut maturation and immune cell expansion by single dose feeding the lectin phytohaemagglutinin to suckling rats. <i>British Journal of Nutrition</i> , <b>2009</b> , 101, 735-42	3.6	10
17	Monovalerin and trivalerin increase brain acetic acid, decrease liver succinic acid, and alter gut microbiota in rats fed high-fat diets. <i>European Journal of Nutrition</i> , <b>2019</b> , 58, 1545-1560	5.2	9
16	Exogenous pancreatic-like enzymes are recovered in the gut and improve growth of exocrine pancreatic insufficient pigs. <i>Journal of Animal Science</i> , <b>2012</b> , 90 Suppl 4, 324-6	0.7	8
15	Influence of Leptin and Adiponectin Supplementation on Intraepithelial Lymphocyte and Microbiota Composition in Suckling Rats. <i>Frontiers in Immunology</i> , <b>2019</b> , 10, 2369	8.4	7
14	Effects on gut properties in exocrine pancreatic insufficient (EPI) pigs, being growth retarded due to pancreatic duct ligation at 7 weeks but not at 16 weeks of age. <i>Advances in Medical Sciences</i> , <b>2014</b> , 59, 74-80	2.8	7
13	Monobutylin and Monovalerin Affect Brain Short-Chain Fatty Acid Profiles and Tight-Junction Protein Expression in ApoE-Knockout Rats Fed High-Fat Diets. <i>Nutrients</i> , <b>2020</b> , 12,	6.7	6
12	Spray-dried porcine plasma and yeast derived protein meal influence the adaption to weaning of primiparous and multiparous sow progeny in different ways. <i>Animal Production Science</i> , <b>2013</b> , 53, 75	1.4	6
11	Stimulating effect of pancreatic-like enzymes on the development of the gastrointestinal tract in piglets. <i>Journal of Animal Science</i> , <b>2012</b> , 90 Suppl 4, 311-4	0.7	5
10	Induction of precocious intestinal maturation in T-cell deficient athymic neonatal rats. <i>World Journal of Gastroenterology</i> , <b>2017</b> , 23, 7531-7540	5.6	5
9	Monitoring changes in plasma levels of pancreatic and intestinal enzymes in a model of pancreatic exocrine insufficiency--induced by pancreatic duct-ligation--in young pigs. <i>Advances in Medical Sciences</i> , <b>2015</b> , 60, 112-7	2.8	4
8	Immune suppression by cyclosporin A inhibits phytohemagglutinin-induced precocious gut maturation in suckling rats. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , <b>2010</b> , 50, 473-80	2.8	4
7	Effects of dietary supplementation with pancreatic-like enzymes of microbial origin (PLEM) and silicon dioxide (SiO <sub>2</sub> ) on the performance of piglets fed creep feed. <i>Journal of Animal Science</i> , <b>2016</b> , 94, 62-65	0.7	4
6	Early effects on the intestinal barrier and pancreatic function after enteral stimulation with protease or kidney bean lectin in neonatal rats. <i>British Journal of Nutrition</i> , <b>2018</b> , 119, 992-1002	3.6	3
5	Enhanced absorption of long-chain polyunsaturated fatty acids following consumption of functional milk formula, pre-digested with immobilized lipase ex vivo, in an exocrine pancreatic insufficient (EPI) pig model. <i>Journal of Functional Foods</i> , <b>2017</b> , 34, 422-430	5.1	2
4	Early treatment with pancreatic-like microbial-derived enzymes during the preweaning period promotes growth in growing-finishing pigs <sup>1</sup> . <i>Journal of Animal Science</i> , <b>2016</b> , 94, 150-152	0.7	1
3	Dietary Fiber and the Hippocampal Neurogenic Niche in a Model of Pelvic Radiotherapy. <i>Neuroscience</i> , <b>2021</b> , 475, 137-147	3.9	1

- 2 Hormonal and immune profiles in blood were unaffected by PHA provocation in suckling and weaning pigs. *Livestock Science*, **2010**, 133, 253-256 1.7
- 1 Varying Dietary Component Ratios and Lingonberry Supplementation May Affect the Hippocampal Structure of ApoE<sup>-/-</sup> Mice.. *Frontiers in Nutrition*, **2022**, 9, 565051 6.2