

Ionelia Taranu

List of Publications by Year in descending order

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64
papers

3,001
citations

201674

27
h-index

161849

54
g-index

64
all docs

64
docs citations

64
times ranked

3223
citing authors

#	ARTICLE	IF	CITATIONS
1	Current Situation of Mycotoxin Contamination and Co-occurrence in Animal Feed – Focus on Europe. <i>Toxins</i> , 2012, 4, 788-809.	3.4	499
2	Deoxynivalenol Impairs Porcine Intestinal Barrier Function and Decreases the Protein Expression of Claudin-4 through a Mitogen-Activated Protein Kinase-Dependent Mechanism. <i>Journal of Nutrition</i> , 2010, 140, 1956-1962.	2.9	199
3	Mycotoxins co-contamination: Methodological aspects and biological relevance of combined toxicity studies. <i>Critical Reviews in Food Science and Nutrition</i> , 2017, 57, 3489-3507.	10.3	195
4	Immunotoxicological risk of mycotoxins for domestic animals. <i>Food Additives and Contaminants</i> , 2005, 22, 354-360.	2.0	164
5	Changes in performance, blood parameters, humoral and cellular immune responses in weanling piglets exposed to low doses of aflatoxin1. <i>Journal of Animal Science</i> , 2002, 80, 1250-1257.	0.5	144
6	Effects of zearalenone on oxidative stress and inflammation in weanling piglets. <i>Food and Chemical Toxicology</i> , 2013, 58, 408-415.	3.6	102
7	Mycotoxin Fumonisin B1 Alters the Cytokine Profile and Decreases the Vaccinal Antibody Titer in Pigs. <i>Toxicological Sciences</i> , 2005, 84, 301-307.	3.1	90
8	Zearalenone Mycotoxin Affects Immune Mediators, MAPK Signalling Molecules, Nuclear Receptors and Genome-Wide Gene Expression in Pig Spleen. <i>PLoS ONE</i> , 2015, 10, e0127503.	2.5	86
9	Overview on aflatoxins and oxidative stress. <i>Toxin Reviews</i> , 2012, 31, 32-43.	3.4	84
10	Effects of zearalenone and its derivatives on porcine immune response. <i>Toxicology in Vitro</i> , 2011, 25, 1981-1988.	2.4	79
11	Effects of zearalenone and its derivatives on the innate immune response of swine. <i>Toxicon</i> , 2010, 56, 956-963.	1.6	76
12	Natural feed contaminant zearalenone decreases the expressions of important pro- and anti-inflammatory mediators and mitogen-activated protein kinase/NF- κ B signalling molecules in pigs. <i>British Journal of Nutrition</i> , 2014, 111, 452-464.	2.3	67
13	Exposure to zearalenone mycotoxin alters in vitro porcine intestinal epithelial cells by differential gene expression. <i>Toxicology Letters</i> , 2015, 232, 310-325.	0.8	60
14	Intestinal Absorption and Antioxidant Activity of Grape Pomace Polyphenols. <i>Nutrients</i> , 2018, 10, 588.	4.1	57
15	Risks for animal health related to the presence of fumonisins, their modified forms and hidden forms in feed. <i>EFSA Journal</i> , 2018, 16, e05242.	1.8	56
16	Sex-related differences in the immune response of weanling piglets exposed to low doses of fumonisin extract. <i>British Journal of Nutrition</i> , 2006, 95, 1185-1192.	2.3	55
17	Zearalenone and the Immune Response. <i>Toxins</i> , 2021, 13, 248.	3.4	53
18	Food Contaminant Zearalenone and Its Metabolites Affect Cytokine Synthesis and Intestinal Epithelial Integrity of Porcine Cells. <i>Toxins</i> , 2015, 7, 1979-1988.	3.4	51

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19	Comparative aspects of <i>in vitro</i> proliferation of human and porcine lymphocytes exposed to mycotoxins. Archives of Animal Nutrition, 2010, 64, 383-393.	1.8	46
20	Assessment of the efficacy of a grape seed waste in counteracting the changes induced by aflatoxin B1 contaminated diet on performance, plasma, liver and intestinal tissues of pigs after weaning. Toxicon, 2019, 162, 24-31.	1.6	45
21	Effects of a diet containing dried grape pomace on blood metabolites and milk composition of dairy cows. Journal of the Science of Food and Agriculture, 2017, 97, 2516-2523.	3.5	44
22	Ochratoxin A and its effects on immunity. Toxin Reviews, 2015, 34, 11-20.	3.4	40
23	Comparative effect of ochratoxin A on inflammation and oxidative stress parameters in gut and kidney of piglets. Regulatory Toxicology and Pharmacology, 2017, 89, 224-231.	2.7	40
24	Induction of pro-inflammatory gene expression by Escherichia coli and mycotoxin zearalenone contamination and protection by a Lactobacillus mixture in porcine IPEC-1 cells. Toxicon, 2015, 97, 53-63.	1.6	34
25	Cytotoxic and inflammatory effects of individual and combined exposure of HepG2 cells to zearalenone and its metabolites. Naunyn-Schmiedeberg's Archives of Pharmacology, 2019, 392, 937-947.	3.0	33
26	Bioactive compounds from dietary whole grape seed meal improved colonic inflammation via inhibition of MAPKs and NF- κ B signaling in pigs with DSS induced colitis. Journal of Functional Foods, 2020, 66, 103708.	3.4	30
27	Fumonisin B1 alters cell cycle progression and interleukin-2 synthesis in swine peripheral blood mononuclear cells. Molecular Nutrition and Food Research, 2007, 51, 1406-1412.	3.3	29
28	3 PUFA Rich Camelina Oil By-Products Improve the Systemic Metabolism and Spleen Cell Functions in Fattening Pigs. PLoS ONE, 2014, 9, e110186.	2.5	29
29	Assessment of the effect of grape seed cake inclusion in the diet of healthy fattening-finishing pigs. Journal of Animal Physiology and Animal Nutrition, 2018, 102, e30-e42.	2.2	28
30	Synbiotic combination of prebiotic grape pomace extract and probiotic <i>Lactobacillus</i> sp. reduced important intestinal inflammatory markers and in-depth signalling mediators in lipopolysaccharide-treated Caco-2 cells. British Journal of Nutrition, 2019, 121, 291-305.	2.3	28
31	A comparison between the effects of ochratoxin A and aristolochic acid on the inflammation and oxidative stress in the liver and kidney of weanling piglets. Naunyn-Schmiedeberg's Archives of Pharmacology, 2018, 391, 1147-1156.	3.0	27
32	Diet containing grape seed meal by-product counteracts AFB1 toxicity in liver of pig after weaning. Ecotoxicology and Environmental Safety, 2020, 203, 110899.	6.0	27
33	Red Grape Pomace Rich in Polyphenols Diet Increases the Antioxidant Status in Key Organs—Kidneys, Liver, and Spleen of Piglets. Animals, 2019, 9, 149.	2.3	26
34	Phytogenic actives supplemented in hyperprolific sows: effects on maternal transfer of phytogenic compounds, colostrum and milk features, performance and antioxidant status of sows and their offspring, and piglet intestinal gene expression. Journal of Animal Science, 2020, 98, .	0.5	26
35	The Impact of Dietary Grape Seed Meal on Healthy and Aflatoxin B1 Afflicted Microbiota of Pigs after Weaning. Toxins, 2019, 11, 25.	3.4	25
36	Effect of Dietary Hemp Seed on Oxidative Status in Sows during Late Gestation and Lactation and Their Offspring. Animals, 2019, 9, 194.	2.3	24

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37	Microarray based gene expression analysis of <i>Sus Scrofa</i> duodenum exposed to zearalenone: significance to human health. <i>BMC Genomics</i> , 2016, 17, 646.	2.8	23
38	Deoxynivalenol impairs the immune functions of neutrophils. <i>Molecular Nutrition and Food Research</i> , 2013, 57, 1026-1036.	3.3	22
39	In Vitro Transcriptome Response to a Mixture of Lactobacilli Strains in Intestinal Porcine Epithelial Cell Line. <i>International Journal of Molecular Sciences</i> , 2018, 19, 1923.	4.1	22
40	Grape Seed Waste Counteracts Aflatoxin B1 Toxicity in Piglet Mesenteric Lymph Nodes. <i>Toxins</i> , 2020, 12, 800.	3.4	22
41	Host Immune Status Influences the Development of Attaching and Effacing Lesions in Weaned Pigs. <i>Infection and Immunity</i> , 2005, 73, 5514-5523.	2.2	20
42	Effect of dietary natural supplements on immune response and mineral bioavailability in piglets after weaning. <i>Czech Journal of Animal Science</i> , 2012, 57, 332-343.	1.3	20
43	Dual Effects Exerted in Vitro by Micromolar Concentrations of Deoxynivalenol on Undifferentiated Caco-2 Cells. <i>Toxins</i> , 2015, 7, 593-603.	3.4	19
44	Evaluation of cellular and molecular impact of zearalenone and <i>Escherichia coli</i> co-exposure on IPEC-1 cells using microarray technology. <i>BMC Genomics</i> , 2016, 17, 576.	2.8	19
45	Assessment of the potential of a boron-fructose additive in counteracting the toxic effect of <i>Fusarium</i> mycotoxins. <i>British Journal of Nutrition</i> , 2011, 106, 398-407.	2.3	16
46	Effects of Dietary Grape Seed Meal Bioactive Compounds on the Colonic Microbiota of Weaned Piglets With Dextran Sodium Sulfate-Induced Colitis Used as an Inflammatory Model. <i>Frontiers in Veterinary Science</i> , 2020, 7, 31.	2.2	15
47	Dietary Grape Seed Meal Bioactive Compounds Alleviate Epithelial Dysfunctions and Attenuates Inflammation in Colon of DSS-Treated Piglets. <i>Foods</i> , 2021, 10, 530.	4.3	15
48	MicroRNA profiling in kidney in pigs fed ochratoxin A contaminated diet. <i>Ecotoxicology and Environmental Safety</i> , 2019, 184, 109637.	6.0	14
49	Low level of ochratoxin A affects genome-wide expression in kidney of pig. <i>Toxicol</i> , 2017, 136, 67-77.	1.6	13
50	The Effectiveness of Dietary Byproduct Antioxidants on Induced CYP Genes Expression and Histological Alteration in Piglets Liver and Kidney Fed with Aflatoxin B1 and Ochratoxin A. <i>Toxins</i> , 2021, 13, 148.	3.4	13
51	Diet contaminated with ochratoxin A at the highest level allowed by EU recommendation disturbs liver metabolism in weaned piglets. <i>World Mycotoxin Journal</i> , 2016, 9, 587-596.	1.4	12
52	Rice and Cassava Distillers Dried Grains in Vietnam: Nutritional Values and Effects of Their Dietary Inclusion on Blood Chemical Parameters and Immune Responses of Growing Pigs. <i>Waste and Biomass Valorization</i> , 2019, 10, 3373-3382.	3.4	9
53	Assessment of Food By-Products™ Potential for Simultaneous Binding of Aflatoxin B1 and Zearalenone. <i>Toxins</i> , 2021, 13, 2.	3.4	8
54	The Reduction of the Combined Effects of Aflatoxin and Ochratoxin A in Piglet Livers and Kidneys by Dietary Antioxidants. <i>Toxins</i> , 2021, 13, 648.	3.4	6

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55	Interspecies Gene Name Extrapolation – A New Approach. PLoS ONE, 2015, 10, e0138751.	2.5	5
56	Active ingredients from oil by-products modulate spleen inflammatory and antioxidant response in pigs. Archiva Zootehnica, 2020, 23, 81-97.	0.4	3
57	Assessment of the ability of dietary yeast-fermented rapeseed meal to modulate inflammatory and oxidative stress in piglets after weaning. Journal of Animal and Feed Sciences, 2022, 31, 109-122.	1.1	3
58	The effects of a low dose OTA exposure on weanling piglet gut microbiota. Archiva Zootehnica, 2021, 24, 31-43.	0.4	2
59	The pattern of nutrient and energy utilization, retention and the chemical composition of the body in broilers from hatching to maturity. Archiv Fur Tierernahrung, 1996, 49, 125-149.	0.3	1
60	A mixture of <i>Lactobacillus</i> sp. modulates the expression of inflammatory molecules, signalling kinases and nuclear receptors in LPS-treated Caco-2 cell culture model. Archiva Zootehnica, 2020, 23, 55-72.	0.4	1
61	<i>Lactobacilli</i> sp. mixture alleviates LPS-induced inflammation in Caco-2 intestinal cell line. Archiva Zootehnica, 2021, 24, 93-106.	0.4	0
62	Response of antioxidant status in kidney of pigs exposed to aflatoxin B1 to dietary grape seed meal. Archiva Zootehnica, 2021, 24, 17-30.	0.4	0
63	Cytotoxic effects of individual and binary combinations of zearalenone and ochratoxin a on liver. Archiva Zootehnica, 2020, 23, 73-80.	0.4	0
64	The Effects and Mechanisms of Action of Zearalenone in Human Intestinal Epithelial Cells. Archiva Zootehnica, 2021, 24, 134-149.	0.4	0