

# Luciana Rossi

## List of Publications by Year in descending order

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Version: 2024-02-01

58  
papers

1,044  
citations

471061

17  
h-index

476904

29  
g-index

60  
all docs

60  
docs citations

60  
times ranked

1166  
citing authors

#	ARTICLE	IF	CITATIONS
1	Review: Nutritional ecology of heavy metals. <i>Animal</i> , 2018, 12, 2156-2170.	1.3	122
2	Effect of milling procedures on mycotoxin distribution in wheat fractions: A review. <i>LWT - Food Science and Technology</i> , 2013, 54, 307-314.	2.5	116
3	Bioaccumulation of heavy metals from wastewater through a <i>Typha latifolia</i> and <i>Thelypteris palustris</i> phytoremediation system. <i>Chemosphere</i> , 2020, 241, 125018.	4.2	65
4	Evaluation of concentration of heavy metals in animal rearing system. <i>Italian Journal of Animal Science</i> , 2019, 18, 1372-1384.	0.8	41
5	Cytotoxicity, apoptosis, DNA damage and methylation in mammary and kidney epithelial cell lines exposed to ochratoxin A. <i>Cell Biology and Toxicology</i> , 2016, 32, 249-258.	2.4	40
6	Heavy-Metal Phytoremediation from Livestock Wastewater and Exploitation of Exhausted Biomass. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 2239.	1.2	36
7	In Vitro Digestion of Chestnut and Quebracho Tannin Extracts: Antimicrobial Effect, Antioxidant Capacity and Cytomodulatory Activity in Swine Intestinal IPEC-J2 Cells. <i>Animals</i> , 2020, 10, 195.	1.0	35
8	Effects of Tributyrin Supplementation on Growth Performance, Insulin, Blood Metabolites and Gut Microbiota in Weaned Piglets. <i>Animals</i> , 2020, 10, 726.	1.0	34
9	Antioxidant and Antimicrobial Activity of Algal and Cyanobacterial Extracts: An In Vitro Study. <i>Antioxidants</i> , 2022, 11, 992.	2.2	28
10	Protective effect of oral administration of transgenic tobacco seeds against verocytotoxic <i>Escherichia coli</i> strain in piglets. <i>Veterinary Research Communications</i> , 2014, 38, 39-49.	0.6	26
11	In vitro evaluation of antimicrobial and antioxidant activities of algal extracts. <i>Italian Journal of Animal Science</i> , 2020, 19, 103-113.	0.8	26
12	Former food products have no detrimental effects on diet digestibility, growth performance and selected plasma variables in post-weaning piglets. <i>Italian Journal of Animal Science</i> , 2019, 18, 987-996.	0.8	25
13	Administration of biogenic amines to Saanen kids: effects on growth performance, meat quality and gut histology. <i>Small Ruminant Research</i> , 2004, 53, 1-7.	0.6	24
14	Evaluation of Dietary Administration of Chestnut and Quebracho Tannins on Growth, Serum Metabolites and Fecal Parameters of Weaned Piglets. <i>Animals</i> , 2020, 10, 1945.	1.0	24
15	Effects of retinoids on proliferation and plasminogen activator expression in a bovine mammary epithelial cell line. <i>Journal of Dairy Research</i> , 2003, 70, 367-372.	0.7	23
16	Expression of verocytotoxic <i>Escherichia coli</i> antigens in tobacco seeds and evaluation of gut immunity after oral administration in mouse model. <i>Journal of Veterinary Science</i> , 2013, 14, 263.	0.5	22
17	Implications of Tributyrin on Gut Microbiota Shifts Related to Performances of Weaning Piglets. <i>Microorganisms</i> , 2021, 9, 584.	1.6	20
18	<i>Lactobacillus plantarum</i> and <i>Lactobacillus reuteri</i> as Functional Feed Additives to Prevent Diarrhoea in Weaned Piglets. <i>Animals</i> , 2021, 11, 1766.	1.0	20

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19	The Effect of Different Sources of Selenium Supplementation on the Meat Quality Traits of Young Charolaise Bulls during the Finishing Phase. <i>Antioxidants</i> , 2021, 10, 596.	2.2	19
20	Mint Oils: In Vitro Ability to Perform Anti-Inflammatory, Antioxidant, and Antimicrobial Activities and to Enhance Intestinal Barrier Integrity. <i>Antioxidants</i> , 2021, 10, 1004.	2.2	19
21	Tobacco Seeds By-Product as Protein Source for Piglets. <i>Open Journal of Veterinary Medicine</i> , 2013, 03, 73-78.	0.4	18
22	Experimental Induction of <i>Escherichia coli</i> Diarrhoea in Weaned Piglets. <i>Open Journal of Veterinary Medicine</i> , 2012, 02, 1-8.	0.4	17
23	On-Line Monitoring of Milk Electrical Conductivity by Fuzzy Logic Technology to Characterise Health Status in Dairy Goats. <i>Italian Journal of Animal Science</i> , 2014, 13, 3170.	0.8	16
24	Detection of Hen Lysozyme on Proteic Profiles of Grana Padano Cheese through SELDI-TOF MS High-Throughput Technology during the Ripening Process. <i>Food Analytical Methods</i> , 2011, 4, 233-239.	1.3	15
25	Evaluation of Tannin Extracts, Leonardite and Tributyrin Supplementation on Diarrhoea Incidence and Gut Microbiota of Weaned Piglets. <i>Animals</i> , 2021, 11, 1693.	1.0	15
26	Characterization of "Mais delle Fiorine" ( <i>Zea mays</i> L.) and nutritional, morphometric and genetic comparison with other maize landraces of Lombardy region (Northern Italy). <i>Genetic Resources and Crop Evolution</i> , 2021, 68, 2075-2091.	0.8	13
27	Plant Bioreactors for the Antigenic Hook-Associated flgK Protein Expression. <i>Italian Journal of Animal Science</i> , 2014, 13, 2939.	0.8	12
28	Improved Fuzzy Logic System to Evaluate Milk Electrical Conductivity Signals from On-Line Sensors to Monitor Dairy Goat Mastitis. <i>Sensors</i> , 2016, 16, 1079.	2.1	12
29	Evaluation of leonardite as a feed additive on lipid metabolism and growth of weaned piglets. <i>Animal Feed Science and Technology</i> , 2020, 266, 114519.	1.1	12
30	Effect of a Blend of Essential Oils, Bioflavonoids and Tannins on In Vitro Methane Production and In Vivo Production Efficiency in Dairy Cows. <i>Animals</i> , 2022, 12, 728.	1.0	11
31	Preliminary Evaluation of a Nest Usage Sensor to Detect Double Nest Occupations of Laying Hens. <i>Sensors</i> , 2015, 15, 2680-2693.	2.1	10
32	Supplementation of Live Yeast, Mannan Oligosaccharide, and Organic Selenium during the Adaptation Phase of Newly Arrived Beef Cattle: Effects on Health Status, Immune Functionality, and Growth Performance. <i>Antibiotics</i> , 2021, 10, 1114.	1.5	10
33	Effects of Heated Drinking Water on the Growth Performance and Rumen Functionality of Fattening Charolaise Beef Cattle in Winter. <i>Animals</i> , 2021, 11, 2218.	1.0	9
34	Nutritional and Functional Properties of Colostrum in Puppies and Kittens. <i>Animals</i> , 2021, 11, 3260.	1.0	9
35	Translational Approach to Induce and Evaluate Verocytotoxic <i>E. coli</i> O138 Based Disease in Piglets. <i>Animals</i> , 2021, 11, 2415.	1.0	8
36	Protective effect of phytogetic plus short and medium-chain fatty acids-based additives in enterotoxigenic <i>Escherichia coli</i> challenged piglets. <i>Veterinary Research Communications</i> , 2023, 47, 217-231.	0.6	8

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37	Antigenic Recombinant Proteins Expressed in Tobacco Seeds as a Model for Edible Vaccines Against Swine Oedema. <i>Veterinary Research Communications</i> , 2003, 27, 659-661.	0.6	7
38	Evaluation of the damage induced by ochratoxin A and the protective role of $\hat{\pm}$ -tocopherol in cultured bovine mammary epithelial cells. <i>Veterinary Research Communications</i> , 2008, 32, 343-345.	0.6	7
39	Evaluation of the Fourier Frequency Spectrum Peaks of Milk Electrical Conductivity Signals as Indexes to Monitor the Dairy Goats's™ Health Status by On-Line Sensors. <i>Sensors</i> , 2015, 15, 20698-20716.	2.1	7
40	Retarded germination of <i>Nicotiana tabacum</i> seeds following insertion of exogenous DNA mimics the seed persistent behavior. <i>PLoS ONE</i> , 2017, 12, e0187929.	1.1	7
41	Milk Choline, $\hat{\pm}$ -Tocopherol and Neutrophil Chemotaxis in the Periparturient Dairy Cow. <i>Veterinary Research Communications</i> , 2003, 27, 265-268.	0.6	6
42	<i>Typha latifolia</i> and <i>Thelypteris palustris</i> behavior in a pilot system for the refinement of livestock wastewaters: A case of study. <i>Chemosphere</i> , 2020, 240, 124915.	4.2	6
43	Evaluation of Adhesive Characteristics of <i>L. plantarum</i> and <i>L. reuteri</i> Isolated from Weaned Piglets. <i>Microorganisms</i> , 2021, 9, 1587.	1.6	6
44	Effect of Slow-Release Urea Administration on Production Performance, Health Status, Diet Digestibility, and Environmental Sustainability in Lactating Dairy Cows. <i>Animals</i> , 2021, 11, 2405.	1.0	6
45	Signal Spectral Analysis to Characterize Gland Milk Electrical Conductivity in Dairy Goats. <i>Italian Journal of Animal Science</i> , 2015, 14, 3518.	0.8	5
46	Feeding Bakery Former Foodstuffs and Wheat Distiller's™s as Partial Replacement for Corn and Soybean Enhances the Environmental Sustainability and Circularity of Beef Cattle Farming. <i>Sustainability</i> , 2022, 14, 4908.	1.6	5
47	Evaluation the of PL-PG-PA system in relation to quality of bovine milk. <i>Veterinary Research Communications</i> , 2009, 33, 293-295.	0.6	4
48	A mixture of quebracho and chestnut tannins drives butyrate-producing bacteria populations shift in the gut microbiota of weaned piglets. <i>PLoS ONE</i> , 2021, 16, e0250874.	1.1	4
49	Agriculture in Marginal Areas: Reintroduction of Rye and Wheat Varieties for Breadmaking in the Antrona Valley. <i>Agronomy</i> , 2022, 12, 1695.	1.3	3
50	Role of alpha-tocopherol in counteracting DNA damage induced by Ochratoxin A in primary porcine fibroblasts. <i>Italian Journal of Animal Science</i> , 2009, 8, 301-303.	0.8	2
51	Natural Clays as Potential Amino Acids Carriers for Animal Nutrition Application. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 5669.	1.3	2
52	Evaluation of the Absorption of Methionine Carried by Mineral Clays and Zeolites in Porcine Ex Vivo Permeability Models. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 6384.	1.3	2
53	Trends and potential human health risk of trace elements accumulated in transplanted blue mussels during restoration activities of Flekkefjord fjord (Southern Norway). <i>Environmental Monitoring and Assessment</i> , 2022, 194, 208.	1.3	2
54	Proteomic/peptidomic profile and <i>Escherichia coli</i> growth inhibitory effect of in vitro digested soya protein. <i>Italian Journal of Animal Science</i> , 2021, 20, 1462-1467.	0.8	1

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55	A survey on the potential research and development tendency in the Italian and Serbian feed industry. Food and Feed Research, 2016, 43, 69-82.	0.2	1
56	Expression of flak flagellin from Salmonella Typhimurium in tobacco seeds. IOSR Journal of Pharmacy, 2012, 2, 19-22.	0.1	0
57	125 Mint oils: in vitro anti-inflammatory effects tested in porcine alveolar macrophages. Journal of Animal Science, 2020, 98, 103-103.	0.2	0
58	PSIX-12 Effects of tannin supplementation on zootechnical performance and blood parameters of weaned piglets. Journal of Animal Science, 2020, 98, 182-182.	0.2	0