Luciano Pinotti

List of Publications by Year
in descending order

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90 papers	2,420 citations	201575 27 h-index	233338 45 g-index
90 all docs	90 docs citations	90 times ranked	2499 citing authors

#	Article	IF	Citations
1	Standardized total tract digestibility of phosphorus in bakery meal fed to pigs and effects of bakery meal on growth performance of weanling pigs. Animal Feed Science and Technology, 2022, 284, 115148.	1.1	14
2	Biofortification of selenium in black soldier fly (Hermetia illucens) prepupae reared on seaweed or selenium enriched substrates. Journal of Insects As Food and Feed, 2022, 8, 887-899.	2.1	7
3	Feeding Bakery Former Foodstuffs and Wheat Distillerâ€™s as Partial Replacement for Corn and Soybean Enhances the Environmental Sustainability and Circularity of Beef Cattle Farming. Sustainability, 2022, 14, 4908.	1.6	5
4	Characterization of a Bacillus cereus strain associated with a large feed-related outbreak of severe infection in pigs. Journal of Applied Microbiology, 2022, 133, 1078-1088.	1.4	10
5	Sugary vs salty food industry leftovers in postweaning piglets: effects on gut microbiota and intestinal volatile fatty acid production. Animal, 2022, 16, 100584.	1.3	4
6	Gravimetric quantitative validation of botanic impurities in feed. Journal of the Science of Food and Agriculture, 2021, 101, 1047-1052.	1.7	1
7	Safety of Cereals in the Mediterranean: An Update on EU Legislation. , 2021, , 303-324.		2
8	Magnesium in Obesity, Metabolic Syndrome, and Type 2 Diabetes. Nutrients, 2021, 13, 320.	1.7	91
9	Soybean Molasses in Animal Nutrition. Animals, 2021, 11, 514.	1.0	13
10	The Contribution of Dietary Magnesium in Farm Animals and Human Nutrition. Nutrients, 2021, 13, 509.	1.7	17
11	Milk Fat Globule Membrane Proteome and Micronutrients in the Milk Lipid Fraction: Insights into Milk Bioactive Compounds. Dairy, 2021, 2, 202-217.	0.7	5
12	Recycling food leftovers in feed as opportunity to increase the sustainability of livestock production. Journal of Cleaner Production, 2021, 294, 126290.	4.6	76
13	Advances in understanding key contamination risks in animal feed: mycotoxins. Burleigh Dodds Series in Agricultural Science, 2021, , 151-186.	0.1	3
14	Integrated Mycotoxin Management System in the Feed Supply Chain: Innovative Approaches. Toxins, 2021, 13, 572.	1.5	30
15	Substrate as insect feed for bio-mass production. Journal of Insects As Food and Feed, 2021, 7, 585-596.	2.1	30
16	Global assessment of natural resources for chicken production. Advances in Water Resources, 2021, 154, 103987.	1.7	19
17	Proteomic/peptidomic profile and Escherichia coli growth inhibitory effect of in vitro digested soya protein. Italian Journal of Animal Science, 2021, 20, 1462-1467.	0.8	1
18	Sweet vs. Salty Former Food Products in Post-Weaning Piglets: Effects on Growth, Apparent Total Tract Digestibility and Blood Metabolites. Animals, 2021, 11, 3315.	1.0	10

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19	The Need for A Multidisciplinary Approach to Face Challenges Related to Food, Health, and Sustainability: The Contribution of CRC I-WE. Sustainability, 2021, 13, 13720.	1.6	5
20	Total phenolic content and antioxidant capacity of former food products intended as alternative feed ingredients. Italian Journal of Animal Science, 2020, 19, 1387-1392.	0.8	4
21	Reduce, Reuse, Recycle for Food Waste: A Second Life for Fresh-Cut Leafy Salad Crops in Animal Diets. Animals, 2020, 10, 1082.	1.0	28
22	Protein hunger of the feed sector: the alternatives offered by the plant world. Italian Journal of Animal Science, 2020, 19, 1204-1225.	0.8	37
23	Comparative Proteomics of Milk Fat Globule Membrane (MFGM) Proteome across Species and Lactation Stages and the Potentials of MFGM Fractions in Infant Formula Preparation. Foods, 2020, 9, 1251.	1.9	52
24	Going to the roots of reduced magnesium dietary intake: A tradeoff between climate changes and sources. Heliyon, 2020, 6, e05390.	1.4	34
25	Multivariate image analysis for the rapid detection of residues from packaging remnants in former foodstuff products (FFPs) â€“ a feasibility study. Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment, 2020, 37, 1399-1411.	1.1	7
26	Potentials and Challenges of Former Food Products (Food Leftover) as Alternative Feed Ingredients. Animals, 2020, 10, 125.	1.0	43
27	Concentration-Dependent Effects of N-3 Long-Chain Fatty Acids on Na,K-ATPase Activity in Human Endothelial Cells. Molecules, 2020, 25, 128.	1.7	8
28	Insect and fish by-products as sustainable alternatives to conventional animal proteins in animal nutrition. Italian Journal of Animal Science, 2020, 19, 360-372.	0.8	138
29	The role of micronutrients in high-yielding dairy ruminants: Choline and vitamin E. Ankara Universitesi Veteriner Fakultesi Dergisi, 2020, 67, 209-214.	0.4	8
30	Milk proteins: Their role in cardiovascular health. , 2020, , 145-172.		0
31	Carbohydrate digestion and predicted glycemic index of bakery/confectionary ex-food intended for pig nutrition. Italian Journal of Animal Science, 2019, 18, 838-849.	0.8	25
32	Former food products have no detrimental effects on diet digestibility, growth performance and selected plasma variables in post-weaning piglets. Italian Journal of Animal Science, 2019, 18, 987-996.	0.8	25
33	Influence of Traditional vs Alternative Dietary Carbohydrates Sources on the Large Intestinal Microbiota in Post-Weaning Piglets. Animals, 2019, 9, 516.	1.0	19
34	Tracing food packaging contamination: an electronic nose applied to leftover food. Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment, 2019, 36, 1748-1756.	1.1	9
35	Review: Insects and former foodstuffs for upgrading food waste biomasses/streams to feed ingredients for farm animals. Animal, 2019, 13, 1365-1375.	1.3	87
36	Decontamination of Mycotoxin-Contaminated Feedstuffs and Compound Feed. Toxins, 2019, 11, 617.	1.5	116

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37	In vitro-digested milk proteins: Evaluation of angiotensin-1-converting enzyme inhibitory and antioxidant activities, peptidomic profile, and mucin gene expression in HT29-MTX cells. Journal of Dairy Science, 2019, 102, 10760-10771.	1.4	16
38	Ex-food in animal nutrition: potentials and challenges. , 2019, , .		4
39	Ochratoxin A cytotoxicity on Madinâ€“Darby canine kidney cells in the presence of alphaâ€tocopherol: Effects on cell viability and tight junctions. Journal of Animal Physiology and Animal Nutrition, 2018, 102, 350-355.	1.0	10
40	Inclusion of Hermetia Illucens larvae or prepupae in an experimental extruded feed: process optimisation and impact on in vitro digestibility. Italian Journal of Animal Science, 2018, 17, 418-427.	0.8	34
41	Combining E-Nose and Lateral Flow Immunoassays (LFIAs) for Rapid Occurrence/Co-Occurrence Aflatoxin and Fumonisin Detection in Maize. Toxins, 2018, 10, 416.	1.5	23
42	Light microscopy with differential staining techniques for the characterisation and discrimination of insects versus marine arthropods processed animal proteins. Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment, 2017, 34, 1377-1383.	1.1	11
43	Gravimetric quantitative determination of packaging residues in feed from former food. Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment, 2017, 34, 1446-1450.	1.1	8
44	Nutritional evaluation of former food products (ex-food) intended for pig nutrition. Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment, 2017, 34, 1436-1445.	1.1	33
45	Former food products safety: microbiological quality and computer vision evaluation of packaging remnants contamination. Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment, 2017, 34, 1427-1435.	1.1	40
46	Former Food Products Safety Evaluation: Computer Vision as an Innovative Approach for the Packaging Remnants Detection. Journal of Food Quality, 2017, 2017, 1-6.	1.4	32
47	Mycotoxins in Wheat and Mitigation Measures. , 2017, , .		10
48	A survey of the mycobiota associated with larvae of the black soldier fly (Hermetia illucens) reared for feed production. PLoS ONE, 2017, 12, e0182533.	1.1	81
49	Mycotoxin Contamination in the EU Feed Supply Chain: A Focus on Cereal Byproducts. Toxins, 2016, 8, 45.	1.5	240
50	Microscopy in combination with image analysis for characterization of fishmeal material in aquafeed. Animal Feed Science and Technology, 2016, 215, 156-164.	1.1	5
51	Microscopy and Image Analysis Based Approaches for the Species-Specific Identification of Bovine and Swine Bone Containing Material. Italian Journal of Animal Science, 2014, 13, 3187.	0.8	2
52	Plant Bioreactors for the Antigenic Hook-Associated flgK Protein Expression. Italian Journal of Animal Science, 2014, 13, 2939.	0.8	12
53	Analysis of weaningâ€induced stress in Saanen goat kids. Journal of Animal Physiology and Animal Nutrition, 2013, 97, 732-739.	1.0	29
54	Effect of milling procedures on mycotoxin distribution in wheat fractions: A review. LWT - Food Science and Technology, 2013, 54, 307-314.	2.5	116

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55	Computer image analysis: an additional tool for the identification of processed poultry and mammal protein containing bones. Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment, 2013, 30, 1745-1751.	1.1	5
56	Role of Choline and Methionine in Bovine Mammary Epithelial Cell Line Exposed to Hydrogen Peroxide. Journal of Nutritional Ecology and Food Research, 2013, 1, 189-193.	0.1	4
57	State of the Art in Feedstuff Analysis: A Technique-Oriented Perspective. Journal of Agricultural and Food Chemistry, 2012, 60, 9529-9542.	2.4	17
58	Ghrelin, insulin and pancreatic activity in the peri-weaning period of goat kids. Journal of Animal Physiology and Animal Nutrition, 2011, 95, 40-46.	1.0	7
59	Rumen-protected choline supplementation in periparturient dairy goats: effects on liver and mammary gland. Journal of Agricultural Science, 2011, 149, 655-661.	0.6	8
60	Use of the Electronic Nose as a Screening Tool for the Recognition of Durum Wheat Naturally Contaminated by Deoxynivalenol: A Preliminary Approach. Sensors, 2011, 11, 4899-4916.	2.1	54
61	Vitamin E Bioavailability: Past and Present Insights. Food and Nutrition Sciences (Print), 2011, 02, 1088-1096.	0.2	20
62	Polyunsaturated fatty acids and choline in dairy goats nutrition: Production and health benefits. Small Ruminant Research, 2010, 88, 135-144.	0.6	18
63	Alpha-Tocopherol Counteracts the Cytotoxicity Induced by Ochratoxin A in Primary Porcine Fibroblasts. Toxins, 2010, 2, 1265-1278.	1.5	31
64	Sampling feed for mycotoxins: acquiring knowledge from food. Italian Journal of Animal Science, 2009, 8, 5-22.	0.8	34
65	Rumen protected choline supplementation in beef cattle: effect on growth performance. Italian Journal of Animal Science, 2009, 8, 322-324.	0.8	10
66	Role of alpha-tocopherol in counteracting DNA damage induced by Ochratoxin A in primary porcine fibroblasts. Italian Journal of Animal Science, 2009, 8, 301-303.	0.8	2
67	Image analysis applied to the classic microscopic method in animal meal characterization. Veterinary Research Communications, 2008, 32, 355-357.	0.6	1
68	Rumen-protected choline and vitamin E supplementation in periparturient dairy goats: effects on milk production and folate, vitamin B12 and vitamin E status. Animal, 2008, 2, 1019-1027.	1.3	23
69	Nutrition in mammary gland health and lactation: Advances over eight Biology of Lactation in Farm Animals meetings1. Journal of Animal Science, 2008, 86, 3-9.	0.2	21
70	Lipophilic Microconstituents of Milk. , 2008, 606, 109-125.		17
71	Selection of new markers for animal by-products characterization by classical microscopy. Italian Journal of Animal Science, 2007, 6, 339-341.	0.8	2
72	Folate, vitamin B12, alpha-tocopherol and selected liver components in periparturient dairy goats supplemented with choline and vitamin E. Italian Journal of Animal Science, 2007, 6, 248-250.	0.8	0

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73	Effects of Rumen-protected Choline Supplementation in Periparturient Dairy Goats. Veterinary Research Communications, 2007, 31, 393-396.	0.6	6
74	Choline metabolism in high-producing dairy cows: Metabolic and nutritional basis. Canadian Journal of Animal Science, 2006, 86, 207-212.	0.7	42
75	Leptin in Bovine Colostrum and Milk. Hormone and Metabolic Research, 2006, 38, 89-93.	0.7	36
76	Choline: Is there a need in the lactating dairy cow?. Livestock Science, 2005, 98, 149-152.	1.2	17
77	Implementation of the Electronic Nose for the Identification of Mycotoxins in Durum Wheat (Triticum) Tj ETQq1 1 0.784314 rgBT /Over	0.6	18
78	Olfactometric techniques in feed analysis: preliminary calibration of DON in durum wheat. Italian Journal of Animal Science, 2005, 4, 169-171.	0.8	0
79	Evaluation of the biological activation of plasmin plasminogen system in sheep and goat milk. Italian Journal of Animal Science, 2005, 4, 330-332.	0.8	5
80	Feed Authentication as an Essential Component of Food Safety and Control. Outlook on Agriculture, 2005, 34, 243-248.	1.8	4
81	Administration of biogenic amines to Saanen kids: effects on growth performance, meat quality and gut histology. Small Ruminant Research, 2004, 53, 1-7.	0.6	24
82	A Preliminary Trial Using Multi-target Polymerase Chain Reaction (multiplex PCR) and Restriction Fragment Length Polymorphism (PCR-RFLP) on the Same Feedstuffs to Detect Tissues of Animal Origin. Veterinary Research Communications, 2004, 28, 461-466.	0.6	1
83	Metabolism in periparturient dairy cows fed rumen-protected choline. Journal of Animal and Feed Sciences, 2004, 13, 551-554.	0.4	22
84	Milk Choline, Î±-Tocopherol and Neutrophil Chemotaxis in the Periparturient Dairy Cow. Veterinary Research Communications, 2003, 27, 265-268.	0.6	6
85	Detection of Cross-contamination in Feedstuffs: Presence of Constituents of Animal Origin. Veterinary Research Communications, 2003, 27, 655-658.	0.6	2
86	Rumen-Protected Choline Administration to Transition Cows: Effects on Milk Production and Vitamin E Status. Transboundary and Emerging Diseases, 2003, 50, 18-21.	0.6	87
87	Comparative mammalian choline metabolism with emphasis on the high-yielding dairy cow. Nutrition Research Reviews, 2002, 15, 315-332.	2.1	92
88	Bovine Somatotropin Administration to Dairy Goats in Late Lactation: Effects on Mammary Gland Function, Composition and Morphology. Journal of Dairy Science, 2002, 85, 1093-1102.	1.4	32
89	Effects of Vitamin E and Different Energy Sources on Vitamin E Status, Milk Quality and Reproduction in Transition Cows *. Transboundary and Emerging Diseases, 2000, 47, 599-608.	0.6	58
90	Vitamin-Like Supplementation in Dairy Ruminants: The Case of Choline. , 0, , .		5