

Antonella Baldi

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5049501/publications.pdf>

Version: 2024-02-01

110
papers

2,257
citations

236912

25
h-index

289230

40
g-index

110
all docs

110
docs citations

110
times ranked

2422
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	1.6	8
2	Role of omega-3 polyunsaturated fatty acids, citrus pectin, and milk-derived exosomes on intestinal barrier integrity and immunity in animals. <i>Journal of Animal Science and Biotechnology</i> , 2022, 13, 40.	5.3	9
3	Milk Fat Globule Membrane Proteome and Micronutrients in the Milk Lipid Fraction: Insights into Milk Bioactive Compounds. <i>Dairy</i> , 2021, 2, 202-217.	2.0	5
4	Evaluation of Tannin Extracts, Leonardite and Tributyrin Supplementation on Diarrhoea Incidence and Gut Microbiota of Weaned Piglets. <i>Animals</i> , 2021, 11, 1693.	2.3	15
5	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.	2.5	2
6	Evaluation of Adhesive Characteristics of <i>L. plantarum</i> and <i>L. reuteri</i> Isolated from Weaned Piglets. <i>Microorganisms</i> , 2021, 9, 1587.	3.6	6
7	Translational Approach to Induce and Evaluate Verocytotoxic <i>E. coli</i> O138 Based Disease in Piglets. <i>Animals</i> , 2021, 11, 2415.	2.3	8
8	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.	1.9	1
9	<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.	8.2	6
10	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.	8.2	65
11	Total phenolic content and antioxidant capacity of former food products intended as alternative feed ingredients. <i>Italian Journal of Animal Science</i> , 2020, 19, 1387-1392.	1.9	4
12	Perspectives for the future in Italy: animal science higher education, employment, and research. <i>Animal Frontiers</i> , 2020, 10, 24-29.	1.7	1
13	Omega-3 Polyunsaturated Fatty Acids Counteract Inflammatory and Oxidative Damage of Non-Transformed Porcine Enterocytes. <i>Animals</i> , 2020, 10, 956.	2.3	20
14	Potentials and Challenges of Former Food Products (Food Leftover) as Alternative Feed Ingredients. <i>Animals</i> , 2020, 10, 125.	2.3	43
15	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.	2.3	35
16	The role of micronutrients in high-yielding dairy ruminants: Choline and vitamin E. <i>Ankara Universitesi Veteriner Fakultesi Dergisi</i> , 2020, 67, 209-214.	1.0	8
17	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.	1.9	25
18	Influence of Traditional vs Alternative Dietary Carbohydrates Sources on the Large Intestinal Microbiota in Post-Weaning Piglets. <i>Animals</i> , 2019, 9, 516.	2.3	19

#	ARTICLE	IF	CITATIONS
19	Evaluation of concentration of heavy metals in animal rearing system. Italian Journal of Animal Science, 2019, 18, 1372-1384.	1.9	41
20	Oxidative indices as metabolic stress predictors in periparturient dairy cows. Italian Journal of Animal Science, 2019, 18, 1356-1360.	1.9	5
21	Total phenolic content and antioxidant capacity of agri-food waste and by-products. Italian Journal of Animal Science, 2019, 18, 336-341.	1.9	66
22	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.	3.4	16
23	Invited review: Dairy proteins and bioactive peptides: Modeling digestion and the intestinal barrier. Journal of Dairy Science, 2019, 102, 929-942.	3.4	54
24	Review: Nutritional ecology of heavy metals. Animal, 2018, 12, 2156-2170.	3.3	122
25	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.	2.2	10
26	Inclusion of <i>Hermetia Illucens</i> larvae or prepupae in an experimental extruded feed: process optimisation and impact on <i>in vitro</i> digestibility. Italian Journal of Animal Science, 2018, 17, 418-427.	1.9	34
27	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.	2.3	33
28	Short-Communication: A Comparison of the In Vitro Angiotensin-1-Converting Enzyme Inhibitory Capacity of Dairy and Plant Protein Supplements. Nutrients, 2017, 9, 1352.	4.1	14
29	Retarded germination of <i>Nicotiana tabacum</i> seeds following insertion of exogenous DNA mimics the seed persistent behavior. PLoS ONE, 2017, 12, e0187929.	2.5	7
30	Risk assessment in the recovery of food for social solidarity purposes: preliminary data. Italian Journal of Food Safety, 2016, 5, 6187.	0.8	12
31	Cytotoxicity, apoptosis, DNA damage and methylation in mammary and kidney epithelial cell lines exposed to ochratoxin A. Cell Biology and Toxicology, 2016, 32, 249-258.	5.3	40
32	Short communication: Associations between blood fatty acids, $\hat{1}^2$ -hydroxybutyrate, and $\hat{1}^{\pm}$ -tocopherol in the periparturient period in dairy cows: An observational study. Journal of Dairy Science, 2016, 99, 8121-8126.	3.4	7
33	Microscopy in combination with image analysis for characterization of fishmeal material in aquafeed. Animal Feed Science and Technology, 2016, 215, 156-164.	2.2	5
34	Mycotoxin mechanisms of action and health impact: â€“in vitroâ€™ or â€“in vivoâ€™ tests, that is the question. World Mycotoxin Journal, 2015, 8, 573-589.	1.4	14
35	Effect of growth factors, estradiol $17\text{-}\hat{1}^2$, and short chain fatty acids on the intestinal HT29-MTX cells. Cell Biology and Toxicology, 2015, 31, 199-209.	5.3	6
36	Characterisation of adiponectin and its receptors in the bovine mammary gland and in milk. Veterinary Journal, 2015, 203, 296-301.	1.7	7

#	ARTICLE	IF	CITATIONS
37	Plant Bioreactors for the Antigenic Hook-Associated flgK Protein Expression. Italian Journal of Animal Science, 2014, 13, 2939.	1.9	12
38	Protective effect of oral administration of transgenic tobacco seeds against verocytotoxic Escherichia coli strain in piglets. Veterinary Research Communications, 2014, 38, 39-49.	1.6	26
39	Cell-based models for mycotoxin screening and toxicity evaluation: an update. World Mycotoxin Journal, 2014, 7, 153-166.	1.4	8
40	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.	2.3	5
41	Expression of verocytotoxic <i>Escherichia coli</i> antigens in tobacco seeds and evaluation of gut immunity after oral administration in mouse model. Journal of Veterinary Science, 2013, 14, 263.	1.3	22
42	Tobacco Seeds By-Product as Protein Source for Piglets. Open Journal of Veterinary Medicine, 2013, 03, 73-78.	0.4	18
43	Soya protein hydrolysates modify the expression of various pro-inflammatory genes induced by fatty acids in ovine phagocytes. British Journal of Nutrition, 2012, 108, 1246-1255.	2.3	6
44	State of the Art in Feedstuff Analysis: A Technique-Oriented Perspective. Journal of Agricultural and Food Chemistry, 2012, 60, 9529-9542.	5.2	17
45	Changes in the proteomic profile of adipose tissue-derived mesenchymal stem cells during passages. Proteome Science, 2012, 10, 46.	1.7	22
46	Short communication: Oxidative status and incidence of mastitis relative to blood α -tocopherol concentrations in the postpartum period in dairy cows. Journal of Dairy Science, 2012, 95, 7331-7335.	3.4	18
47	Effect of Escherichia coli lipopolysaccharide on u-PA activity and u-PA and u-PAR RNA expression in a bovine mammary epithelial cell line. Research in Veterinary Science, 2012, 93, 758-762.	1.9	3
48	Experimental Induction of <i>Escherichia coli</i> ; Diarrhoea in Weaned Piglets. Open Journal of Veterinary Medicine, 2012, 02, 1-8.	0.4	17
49	Cloning of the 5' regulatory regions and functional characterization of the core promoters of ovine PLAUI (u-PA) and SERPIN1 (PAI-1). Gene, 2011, 489, 11-20.	2.2	2
50	Nutrition-Based Health: Cell-Based Bioassays for Food Antioxidant Activity Evaluation. Journal of Food Science, 2011, 76, R197-205.	3.1	54
51	Detection of Hen Lysozyme on Proteic Profiles of Grana Padano Cheese through SELDI-TOF MS High-Throughput Technology during the Ripening Process. Food Analytical Methods, 2011, 4, 233-239.	2.6	15
52	Effect of growth factors and lactogenic hormones on expression of plasminogen activator-related genes and cell proliferation in a bovine mammary epithelial cell line. Journal of Dairy Research, 2011, 78, 365-372.	1.4	4
53	Rumen-protected choline supplementation in periparturient dairy goats: effects on liver and mammary gland. Journal of Agricultural Science, 2011, 149, 655-661.	1.3	8
54	Evaluation of the protective effect of bovine lactoferrin against lipopolysaccharides in a bovine mammary epithelial cell line. Veterinary Research Communications, 2010, 34, 267-276.	1.6	11

#	ARTICLE	IF	CITATIONS
55	Polyunsaturated fatty acids and choline in dairy goats nutrition: Production and health benefits. <i>Small Ruminant Research</i> , 2010, 88, 135-144.	1.2	18
56	Alpha-Tocopherol Counteracts the Cytotoxicity Induced by Ochratoxin A in Primary Porcine Fibroblasts. <i>Toxins</i> , 2010, 2, 1265-1278.	3.4	31
57	Acute mastitis induces upregulation of expression of plasminogen activator-related genes by blood monocytes and neutrophils in dairy ewes. <i>Veterinary Immunology and Immunopathology</i> , 2010, 138, 124-128.	1.2	9
58	Lactoferrin at basal side of mouse mammary epithelium derives in part from stroma cells. <i>Cell and Tissue Research</i> , 2009, 338, 241-255.	2.9	4
59	Evaluation the of PL-PG-PA system in relation to quality of bovine milk. <i>Veterinary Research Communications</i> , 2009, 33, 293-295.	1.6	4
60	Administration of <i>Bacillus coagulans</i> in calves: recovery from faecal samples and evaluation of functional aspects of spores. <i>Veterinary Research Communications</i> , 2009, 33, 991-1001.	1.6	32
61	In vitro effects of lactoferrin on intestinal and mammary epithelial cell lines. <i>Italian Journal of Animal Science</i> , 2009, 8, 643-645.	1.9	2
62	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.	1.9	2
63	Evaluation of the damage induced by ochratoxin A and the protective role of α -tocopherol in cultured bovine mammary epithelial cells. <i>Veterinary Research Communications</i> , 2008, 32, 343-345.	1.6	7
64	Rumen-protected choline and vitamin E supplementation in periparturient dairy goats: effects on milk production and folate, vitamin B12 and vitamin E status. <i>Animal</i> , 2008, 2, 1019-1027.	3.3	23
65	Nutrition in mammary gland health and lactation: Advances over eight Biology of Lactation in Farm Animals meetings. <i>Journal of Animal Science</i> , 2008, 86, 3-9.	0.5	21
66	Effects of putrescine, cadaverine, spermine, spermidine and β -phenylethylamine on cultured bovine mammary epithelial cells. <i>Italian Journal of Animal Science</i> , 2008, 7, 131-140.	1.9	8
67	On the Role of Breastfeeding in Health Promotion and the Prevention of Allergic Diseases. <i>Advances in Experimental Medicine and Biology</i> , 2008, 606, 467-483.	1.6	7
68	Lipophilic Microconstituents of Milk. , 2008, 606, 109-125.		17
69	Screening and selection of lactic acid bacteria from calves for designing a species-specific probiotic supplement. <i>Italian Journal of Animal Science</i> , 2007, 6, 350-352.	1.9	2
70	Folate, vitamin B12, alpha-tocopherol and selected liver components in periparturient dairy goats supplemented with choline and vitamin E. <i>Italian Journal of Animal Science</i> , 2007, 6, 248-250.	1.9	0
71	EVALUATION OF FUNCTIONAL ASPECTS IN LACTOBACILLUS STRAINS ISOLATED FROM DRY FERMENTED SAUSAGES. <i>Journal of Food Quality</i> , 2007, 30, 187-201.	2.6	55
72	Effects of Rumen-protected Choline Supplementation in Periparturient Dairy Goats. <i>Veterinary Research Communications</i> , 2007, 31, 393-396.	1.6	6

#	ARTICLE	IF	CITATIONS
73	Choline metabolism in high-producing dairy cows: Metabolic and nutritional basis. <i>Canadian Journal of Animal Science</i> , 2006, 86, 207-212.	1.5	42
74	Vitamin E in dairy cows. <i>Livestock Science</i> , 2005, 98, 117-122.	1.2	51
75	Choline: Is there a need in the lactating dairy cow?. <i>Livestock Science</i> , 2005, 98, 149-152.	1.2	17
76	Heterologous Expression of Biologically Active Porcine Lactoferrin in <i>Pichia Pastoris</i> Yeast. <i>Veterinary Research Communications</i> , 2005, 29, 379-382.	1.6	9
77	Biological effects of milk proteins and their peptides with emphasis on those related to the gastrointestinal ecosystem. <i>Journal of Dairy Research</i> , 2005, 72, 66-72.	1.4	75
78	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.	1.2	24
79	Effect of Vitamin E Supplementation on Various Functional Properties of Macrophages and Neutrophils Obtained from Weaned Piglets. <i>Transboundary and Emerging Diseases</i> , 2004, 51, 178-183.	0.6	14
80	Evaluation of the protective effects of $\hat{\alpha}$ -tocopherol and retinol against ochratoxin A cytotoxicity. <i>British Journal of Nutrition</i> , 2004, 91, 507-512.	2.3	64
81	Effect of vitamin E supplementation on neutrophil function, milk composition and plasmin activity in dairy cows in a commercial herd. <i>Journal of Dairy Research</i> , 2004, 71, 273-278.	1.4	43
82	Metabolism in periparturient dairy cows fed rumen-protected choline. <i>Journal of Animal and Feed Sciences</i> , 2004, 13, 551-554.	1.1	22
83	Milk Choline, $\hat{\alpha}$ -Tocopherol and Neutrophil Chemotaxis in the Periparturient Dairy Cow. <i>Veterinary Research Communications</i> , 2003, 27, 265-268.	1.6	6
84	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.	1.6	7
85	Rumen-Protected Choline Administration to Transition Cows: Effects on Milk Production and Vitamin E Status. <i>Transboundary and Emerging Diseases</i> , 2003, 50, 18-21.	0.6	87
86	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.	1.4	23
87	Expression of urokinase plasminogen activator receptor in resting and activated bovine neutrophils. <i>Journal of Dairy Research</i> , 2002, 69, 195-204.	1.4	18
88	Comparative mammalian choline metabolism with emphasis on the high-yielding dairy cow. <i>Nutrition Research Reviews</i> , 2002, 15, 315-332.	4.1	92
89	Bovine Somatotropin Administration to Dairy Goats in Late Lactation: Effects on Mammary Gland Function, Composition and Morphology. <i>Journal of Dairy Science</i> , 2002, 85, 1093-1102.	3.4	32
90	Plasminogen Activation System in Goat Milk and its Relation with Composition and Coagulation Properties. <i>Journal of Dairy Science</i> , 2001, 84, 1786-1790.	3.4	48

#	ARTICLE	IF	CITATIONS
91	Pattern of protein production by mammary epithelial cells cultured on membrane inserts. Canadian Journal of Animal Science, 2001, 81, 285-287.	1.5	2
92	Effects of vitamin E on urokinase-plasminogen activator receptor expression by bovine neutrophils. American Journal of Veterinary Research, 2001, 62, 1934-1938.	0.6	18
93	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
94	Kinetic behavior of three preparations of Î±-tocopherol after oral administration to postpubertal heifers. American Journal of Veterinary Research, 2000, 61, 589-593.	0.6	8
95	Effects of trace element supplementation on milk yield and composition in camels. International Dairy Journal, 2000, 10, 873-879.	3.0	17
96	Response of dairy ewes in late lactation to recombinant bovine somatotropin. Small Ruminant Research, 1999, 34, 119-125.	1.2	20
97	Manipulation of milk production and quality by use of somatotropin in dairy ruminants other than cow. Domestic Animal Endocrinology, 1999, 17, 131-137.	1.6	25
98	Effects of dietary chromium-yeast in weaning-stressed piglets. Canadian Journal of Animal Science, 1999, 79, 369-374.	1.5	11
99	Changes of plasma insulin, urea, amino acids and rumen metabolites in somatotropin treated dairy cows. Amino Acids, 1998, 15, 187-194.	2.7	4
100	Distribution of plasminogen activator forms in different fractions of buffalo milk. Journal of Dairy Research, 1998, 65, 521-527.	1.4	4
101	Effect of chromium yeast supplementation on performance, reproduction and immune function in pigs. Animal Research, 1998, 47, 273-278.	0.6	2
102	Changes in plasmin, plasminogen and plasminogen activator activities in milk of late lactating ewes: effects of bovine somatotropin (bst) treatment. Livestock Science, 1997, 50, 43-44.	1.2	12
103	Relative bioavailability of vitamin E in dairy cows following intraruminal administration of three different preparations of DL-alpha-tocopheryl acetate. Veterinary Research, 1997, 28, 517-24.	3.0	4
104	Changes in plasmin-plasminogen-plasminogen activator system in milk from Italian Friesian herds. International Dairy Journal, 1996, 6, 1045-1053.	3.0	47
105	Identification of mammary-derived growth inhibitor in sheep mammary tissue. Small Ruminant Research, 1995, 18, 151-155.	1.2	2
106	Hormonal and extracellular matrix regulation of plasminogen activator in a bovine mammary epithelial cell line. Endocrine, 1995, 3, 345-350.	2.2	16
107	Hormonal and Metabolic Responses to the Stress of Transport and Slaughterhouse Procedures in Clenbuterolâ€Fed Pigs. Transboundary and Emerging Diseases, 1994, 41, 189-196.	0.6	6
108	Influence of low-glucosinolate rapeseed meal on performance and thyroid hormone status of heavy pigs. Animal Feed Science and Technology, 1991, 35, 321-331.	2.2	17

#	ARTICLE	IF	CITATIONS
109	Effects of blood sampling procedures, grouping and adrenal stimulation on stress responses in the growing pig. <i>Reproduction, Nutrition, Development</i> , 1989, 29, 95-103.	1.9	11
110	Social interactions and induced behavioural reactions in milk-fed female calves. <i>Applied Animal Behaviour Science</i> , 1986, 16, 207-215.	1.9	10