

Sven DÃnicke

List of Publications by Year in descending order

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Version: 2024-02-01

200
papers

4,313
citations

147566

31
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168136

53
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207
all docs

207
docs citations

207
times ranked

3420
citing authors

#	ARTICLE	IF	CITATIONS
1	Assessment of Metabolic Adaptations in Periparturient Dairy Cows Provided 3-Nitrooxypropanol and Varying Concentrate Proportions by Using the GreenFeed System for Indirect Calorimetry, Biochemical Blood Parameters and Ultrasonography of Adipose Tissues. <i>Dairy</i> , 2022, 3, 100-122.	0.7	0
2	Weaning age influences indicators of rumen function and development in female Holstein calves. <i>BMC Veterinary Research</i> , 2022, 18, 102.	0.7	1
3	The mycotoxin deoxynivalenol (DON) can deteriorate vaccination efficacy against porcine reproductive and respiratory syndrome virus (PRRSV) at subtoxic levels. <i>Porcine Health Management</i> , 2022, 8, 13.	0.9	3
4	Dietary L-Carnitine Affects Leukocyte Count and Function in Dairy Cows Around Parturition. <i>Frontiers in Immunology</i> , 2022, 13, 784046.	2.2	4
5	Effects of Energy Supply from Roughage and Concentrates and the Occurrence of Subclinical Ketosis on Blood Chemistry and Liver Health in Lactating Dairy Cows during Early Lactation. <i>Dairy</i> , 2021, 2, 25-39.	0.7	3
6	Transmission of Zearalenone, Deoxynivalenol, and Their Derivatives from Sows to Piglets during Lactation. <i>Toxins</i> , 2021, 13, 37.	1.5	12
7	Effects of glyphosate residues and different concentrate feed proportions in dairy cow rations on hepatic gene expression, liver histology and biochemical blood parameters. <i>PLoS ONE</i> , 2021, 16, e0246679.	1.1	12
8	Occurrence of type A, B and D trichothecenes, zearalenone and stachybotrylactam in straw. <i>Archives of Animal Nutrition</i> , 2021, 75, 105-120.	0.9	7
9	No hints at glyphosate-induced ruminal dysbiosis in cows. <i>Npj Biofilms and Microbiomes</i> , 2021, 7, 30.	2.9	12
10	Effects of 3-nitrooxypropanol and varying concentrate feed proportions in the ration on methane emission, rumen fermentation and performance of periparturient dairy cows. <i>Archives of Animal Nutrition</i> , 2021, 75, 79-104.	0.9	25
11	Evolution of rumen and oral microbiota in calves is influenced by age and time of weaning. <i>Animal Microbiome</i> , 2021, 3, 31.	1.5	20
12	Dose-Response Effects of 3-Nitrooxypropanol Combined with Low- and High-Concentrate Feed Proportions in the Dairy Cow Ration on Fermentation Parameters in a Rumen Simulation Technique. <i>Animals</i> , 2021, 11, 1784.	1.0	6
13	Association between alterations in plasma metabolome profiles and laminitis in intensively finished Holstein bulls in a randomized controlled study. <i>Scientific Reports</i> , 2021, 11, 12735.	1.6	6
14	Evaluation of an equation for predicting metabolisable energy concentration in compound feeds for pigs. <i>Archives of Animal Nutrition</i> , 2021, 75, 251-262.	0.9	0
15	Does chronic dietary exposure to the mycotoxin deoxynivalenol affect the porcine hepatic transcriptome when an acute-phase response is initiated through first or second-pass LPS challenge of the liver?. <i>Innate Immunity</i> , 2021, 27, 388-408.	1.1	0
16	Evaluation of Inner Exposure of Horses to Zearalenone (ZEN), Deoxynivalenol (DON) and Their Metabolites in Relation to Colic and Health-Related Clinical-Chemical Traits. <i>Toxins</i> , 2021, 13, 588.	1.5	1
17	The Ability of an Algoclay-Based Mycotoxin Decontaminant to Decrease the Serum Levels of Zearalenone and Its Metabolites in Lactating Sows. <i>Frontiers in Veterinary Science</i> , 2021, 8, 704796.	0.9	2
18	Increased plasma and milk short-chain acylcarnitine concentrations reflect systemic LPS response in mid-lactation dairy cows. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2021, 321, R429-R440.	0.9	4

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19	Dietary L-carnitine Supplementation Modifies the Lipopolysaccharide-Induced Acute Phase Reaction in Dairy Cows. <i>Animals</i> , 2021, 11, 136.	1.0	10
20	Microbiome Clusters Disclose Physiologic Variances in Dairy Cows Challenged by Calving and Lipopolysaccharides. <i>MSystems</i> , 2021, 6, e0085621.	1.7	6
21	Effects of Dietary L-Carnitine Supplementation on Platelets and Erythrogram of Dairy Cows with Special Emphasis on Parturition. <i>Dairy</i> , 2021, 2, 1-13.	0.7	4
22	Preliminary study on the relationship between aflatoxin-bovine serum albumin adducts in blood and aflatoxin M1 levels in milk of dairy cows. <i>Mycotoxin Research</i> , 2020, 36, 207-211.	1.3	8
23	Acute phase proteins and markers of oxidative status in water buffalos during the transition from late pregnancy to early lactation. <i>Veterinary Immunology and Immunopathology</i> , 2020, 228, 110113.	0.5	5
24	Sphingolipid Profiling Reveals Different Extent of Ceramide Accumulation in Bovine Retroperitoneal and Subcutaneous Adipose Tissues. <i>Metabolites</i> , 2020, 10, 473.	1.3	7
25	Fine Grinding or Expanding as Pre-treatment for Pelleting in Processing Diets Varying in Dietary Rapeseed Expeller Proportions: Investigations on Performance, Visceral Organs, and Immunological Traits of Broilers. <i>Frontiers in Veterinary Science</i> , 2020, 7, 550092.	0.9	0
26	Maize and Grass Silage Feeding to Dairy Cows Combined with Different Concentrate Feed Proportions with a Special Focus on Mycotoxins, Shiga Toxin (stx)-Forming <i>Escherichia coli</i> and <i>Clostridium botulinum</i> Neurotoxin (BoNT) Genes: Implications for Animal Health and Food Safety. <i>Dairy</i> , 2020, 1, 91-125.	0.7	8
27	Oral exposure of pigs to the mycotoxin deoxynivalenol does not modulate the hepatic albumin synthesis during a LPS-induced acute-phase reaction. <i>Innate Immunity</i> , 2020, 26, 716-732.	1.1	5
28	German monitoring 2012â€“2014: ergot of <i>Claviceps purpurea</i> and ergot alkaloids (EA) in feedingstuffs and their toxicological relevance for animal feeding. <i>Journal Fur Verbraucherschutz Und Lebensmittelsicherheit</i> , 2020, 15, 321-329.	0.5	5
29	Sodium sulfite (SoS) as decontamination strategy for <i>Fusarium</i> -toxin contaminated maize and its impact on immunological traits in pigs challenged with lipopolysaccharide (LPS). <i>Mycotoxin Research</i> , 2020, 36, 429-442.	1.3	1
30	Effects of Pre-Calving Body Condition and Different post partum Concentrate Feed Proportions on Immune-Associated and Hematological Parameters in Pluriparous Dairy Cows. <i>Animals</i> , 2020, 10, 2251.	1.0	0
31	Swine inflammation and necrosis syndrome is influenced by husbandry and quality of sow in suckling piglets, weaners and fattening pigs. <i>Porcine Health Management</i> , 2020, 6, 32.	0.9	12
32	Dairy Cow Health and Greenhouse Gas Emission Intensity. <i>Dairy</i> , 2020, 1, 3.	0.7	7
33	Validation of the RumiWatch Converter V0.7.4.5 classification accuracy for the automatic monitoring of behavioural characteristics in dairy cows. <i>Archives of Animal Nutrition</i> , 2020, 74, 164-172.	0.9	14
34	Effects of a Dietary L-Carnitine Supplementation on Performance, Energy Metabolism and Recovery from Calving in Dairy Cows. <i>Animals</i> , 2020, 10, 342.	1.0	16
35	Functionality and DNA-damage properties of blood cells in lactating cows exposed to glyphosate contaminated feed at different feed energy levels. <i>Archives of Animal Nutrition</i> , 2020, 74, 87-106.	0.9	12
36	Effects of Different Concentrate Feed Proportions on Ruminant Ph Parameters, Duodenal Nutrient Flows and Efficiency of Microbial Crude Protein Synthesis in Dairy Cows During Early Lactation. <i>Animals</i> , 2020, 10, 267.	1.0	1

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37	Investigations of relationships between alterations of the gastrointestinal tract caused by feeding variously processed feedstuffs and blood and immunological traits of broilers. <i>Poultry Science</i> , 2019, 98, 306-318.	1.5	4
38	Effects of Feed Particle Size and Hydro-Thermal Processing Methods on Starch Modification, Nutrient Digestibility and the Performance and the Gastrointestinal Tract of Broilers. <i>Animals</i> , 2019, 9, 294.	1.0	9
39	Gain and loss of subcutaneous and abdominal fat depot mass from late pregnancy to 100 days in milk in German Holsteins. <i>Journal of Dairy Research</i> , 2019, 86, 296-302.	0.7	11
40	Effects of a Change from an Indoor-Based Total Mixed Ration to a Rotational Pasture System Combined with a Moderate Concentrate Feed Supply on Immunological Cell and Blood Parameters of Dairy Cows. <i>Veterinary Sciences</i> , 2019, 6, 47.	0.6	2
41	Fine grinding or expanding of feed as pre-treatment for pelleting in dependence on dietary rapeseed expeller proportion: Nutritional consequences for broilers. <i>Archives of Animal Nutrition</i> , 2019, 73, 239-254.	0.9	3
42	Effects of Body Condition and Concentrate Proportion of the Ration on Mobilization of Fat Depots and Energetic Condition in Dairy Cows during Early Lactation Based on Ultrasonic Measurements. <i>Animals</i> , 2019, 9, 131.	1.0	10
43	Analytical method for the determination of polyethyleneglycole 400 as marker in porcine plasma. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2019, 1113, 45-49.	1.2	1
44	Effects of deoxynivalenol-feed contamination on circulating LPS in pigs. <i>Innate Immunity</i> , 2019, 25, 168-175.	1.1	8
45	Kinetic studies on clinical and immunological modulations by intramuscular injection of <i>Escherichia coli</i> LPS in laying hens. <i>Innate Immunity</i> , 2019, 25, 186-202.	1.1	5
46	Weaning Holstein Calves at 17 Weeks of Age Enables Smooth Transition from Liquid to Solid Feed. <i>Animals</i> , 2019, 9, 1132.	1.0	10
47	A critical evaluation of health risk assessment of modified mycotoxins with a special focus on zearalenone. <i>Mycotoxin Research</i> , 2019, 35, 27-46.	1.3	51
48	Animal models to study the impact of nutrition on the immune system of the transition cow. <i>Research in Veterinary Science</i> , 2018, 116, 15-27.	0.9	20
49	The effects of energy concentration in roughage and allowance of concentrates on performance, health and energy efficiency of pluriparous dairy cows during early lactation. <i>Archives of Animal Nutrition</i> , 2018, 72, 100-120.	0.9	7
50	Antibody response of growing German Holstein bulls to a vaccination against bovine viral diarrhoea virus (BVDV) is influenced by Fusarium toxin exposure in a non-linear fashion. <i>Mycotoxin Research</i> , 2018, 34, 123-139.	1.3	7
51	Effects of oral exposure to sodium sulphite-treated deoxynivalenol (DON)-contaminated maize on performance and plasma concentrations of toxins and metabolites in piglets. <i>Archives of Animal Nutrition</i> , 2018, 72, 42-57.	0.9	8
52	Exposure of pregnant sows to deoxynivalenol during 35-70 days of gestation does not affect pathomorphological and immunohistochemical properties of fetal organs. <i>Mycotoxin Research</i> , 2018, 34, 99-106.	1.3	6
53	Detoxification of Fusarium-contaminated maize with sodium sulphite – in vivo efficacy with special emphasis on mycotoxin residues and piglet health. <i>Archives of Animal Nutrition</i> , 2018, 72, 58-75.	0.9	11
54	Suitability of n-alkanes and chromium (III) oxide as digestibility markers in calves at the end of the milk feeding period supplemented with a prebiotic. <i>Animal Nutrition</i> , 2018, 4, 84-89.	2.1	4

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55	Decreased STEC shedding by cattle following passive and active vaccination based on recombinant Escherichia coli Shiga toxoids. <i>Veterinary Research</i> , 2018, 49, 28.	1.1	16
56	Effects of a Change from an Indoor-Based Total Mixed Ration to a Rotational Pasture System Combined With a Moderate Concentrate Feed Supply on Rumen Fermentation of Dairy Cows. <i>Animals</i> , 2018, 8, 205.	1.0	11
57	Deoxynivalenol Affects Cell Metabolism and Increases Protein Biosynthesis in Intestinal Porcine Epithelial Cells (IPEC-J2): DON Increases Protein Biosynthesis. <i>Toxins</i> , 2018, 10, 464.	1.5	9
58	Changes of ruminal pH, rumination activity and feeding behaviour during early lactation as affected by different energy and fibre concentrations of roughage in pluriparous dairy cows. <i>Archives of Animal Nutrition</i> , 2018, 72, 458-477.	0.9	9
59	Effects of a Fusarium Toxin-Contaminated Maize Treated with Sodium Sulfite on Male Piglets in the Presence of an LPS-Induced Acute Inflammation. <i>Toxins</i> , 2018, 10, 419.	1.5	4
60	Effects of a Change from an Indoor-Based Total Mixed Ration to a Rotational Pasture System Combined with a Moderate Concentrate Feed Supply on the Health and Performance of Dairy Cows. <i>Animals</i> , 2018, 8, 169.	1.0	7
61	On the distribution and metabolism of Fusarium-toxins along the gastrointestinal tract of endotoxaemic pigs. <i>Archives of Animal Nutrition</i> , 2018, 72, 163-177.	0.9	1
62	Biomarker Evaluation and Toxic Effects of an Acute Oral and Systemic Fumonisin Exposure of Pigs with a Special Focus on Dietary Fumonisin Esterase Supplementation. <i>Toxins</i> , 2018, 10, 296.	1.5	23
63	Chronic Effects of Fusarium Mycotoxins in Rations with or without Increased Concentrate Proportion on the Insulin Sensitivity in Lactating Dairy Cows. <i>Toxins</i> , 2018, 10, 188.	1.5	9
64	Oral and Intravenous Fumonisin Exposure in Pigs—A Single-Dose Treatment Experiment Evaluating Toxicokinetics and Detoxification. <i>Toxins</i> , 2018, 10, 150.	1.5	11
65	Effect of vitamin E supplementation in milk replacer and Shiga toxoid vaccination on serum Î±-tocopherol, performance, haematology and blood chemistry in male Holstein calves. <i>Journal of Animal Physiology and Animal Nutrition</i> , 2018, 102, 1167-1180.	1.0	2
66	Influence of vitamin E on organic matter fermentation, ruminal protein and fatty acid metabolism, protozoa concentrations and transfer of fatty acids. <i>Journal of Animal Physiology and Animal Nutrition</i> , 2018, 102, 1111-1119.	1.0	4
67	Chronic DON exposure and acute LPS challenge: effects on porcine liver morphology and function. <i>Mycotoxin Research</i> , 2017, 33, 207-218.	1.3	17
68	Effects of dietary CLA supplementation, parity and different concentrate levels before calving on immunoglobulin G1, G2 and M concentrations in dairy cows. <i>Research in Veterinary Science</i> , 2017, 114, 287-293.	0.9	5
69	Risks for animal health related to the presence of zearalenone and its modified forms in feed. <i>EFSA Journal</i> , 2017, 15, e04851.	0.9	115
70	Effects of glyphosate residues and different concentrate feed proportions on performance, energy metabolism and health characteristics in lactating dairy cows. <i>Archives of Animal Nutrition</i> , 2017, 71, 413-427.	0.9	16
71	Glucuronidation of deoxynivalenol (DON) by different animal species: identification of iso-DON glucuronides and iso-deepoxy-DON glucuronides as novel DON metabolites in pigs, rats, mice, and cows. <i>Archives of Toxicology</i> , 2017, 91, 3857-3872.	1.9	34
72	Haematological, clinical—chemical and immunological consequences of feeding Fusarium toxin contaminated diets to early lactating dairy cows. <i>Mycotoxin Research</i> , 2017, 33, 1-13.	1.3	9

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73	Deoxynivalenol (DON) Contamination of Feed and Grinding Fineness: Are There Interactive Implications on Stomach Integrity and Health of Piglets?. <i>Toxins</i> , 2017, 9, 16.	1.5	9
74	Alterations in the Rumen Liquid-, Particle- and Epithelium-Associated Microbiota of Dairy Cows during the Transition from a Silage- and Concentrate-Based Ration to Pasture in Spring. <i>Frontiers in Microbiology</i> , 2017, 8, 744.	1.5	78
75	Ergot Alkaloids in Fattening Chickens (Broilers): Toxic Effects and Carry over Depending on Dietary Fat Proportion and Supplementation with Non-Starch-Polysaccharide (NSP) Hydrolyzing Enzymes. <i>Toxins</i> , 2017, 9, 118.	1.5	11
76	Plasma kinetics and matrix residues of deoxynivalenol (DON) and zearalenone (ZEN) are altered in endotoxaemic pigs independent of LPS entry site. <i>Mycotoxin Research</i> , 2017, 33, 183-195.	1.3	7
77	Does Dietary Deoxynivalenol Modulate the Acute Phase Reaction in Endotoxaemic Pigs?â€”Lessons from Clinical Signs, White Blood Cell Counts, and TNF-Alpha. <i>Toxins</i> , 2016, 8, 3.	1.5	16
78	Sertoli cell tumour in a neonate calf: an unusual congenital tumour. <i>Tierärztliche Praxis Ausgabe G: Grosstiere - Nutztiere</i> , 2016, 44, 371-378.	0.2	2
79	Insulin Signaling in Liver and Adipose Tissues in Periparturient Dairy Cows Supplemented with Dietary Nicotinic Acid. <i>PLoS ONE</i> , 2016, 11, e0147028.	1.1	13
80	Effects of Graded Dietary L-arginine Supply on Organ Growth in Four Genetically Diverse Layer Lines during Rearing Period. <i>Journal of Poultry Science</i> , 2016, 53, 136-148.	0.7	2
81	Effects of diets differing in protein source and technical treatment on digestibility, performance and visceral and biochemical parameters of fattening pigs. <i>Archives of Animal Nutrition</i> , 2016, 70, 190-208.	0.9	6
82	Fusarium toxin-contaminated maize in diets of growing bulls: effects on performance, slaughtering characteristics, and transfer into physiological liquids. <i>Mycotoxin Research</i> , 2016, 32, 127-135.	1.3	5
83	A metabolomics approach to characterize phenotypes of metabolic transition from late pregnancy to early lactation in dairy cows. <i>Metabolomics</i> , 2016, 12, 1.	1.4	52
84	Effects of deoxynivalenol (DON), zearalenone (ZEN), and related metabolites on equine peripheral blood mononuclear cells (PBMC) in vitro and background occurrence of these toxins in horses. <i>Mycotoxin Research</i> , 2016, 32, 153-161.	1.3	8
85	Haematological and immunological adaptations of non-pregnant, non-lactating dairy cows to a high-energetic diet containing mycotoxins. <i>Archives of Animal Nutrition</i> , 2016, 70, 1-16.	0.9	8
86	Toxic effects, metabolism, and carry-over of ergot alkaloids in laying hens, with a special focus on changes of the alkaloid isomeric ratio in feed caused by hydrothermal treatment. <i>Mycotoxin Research</i> , 2016, 32, 37-52.	1.3	10
87	Determination of T-2 toxin, HT-2 toxin, and three other type A trichothecenes in layer feed by high-performance liquid chromatography-tandem mass spectrometry (LC-MS/MS)â€”comparison of two sample preparation methods. <i>Mycotoxin Research</i> , 2016, 32, 89-97.	1.3	26
88	Effects of long-term dietary supplementation with conjugated linoleic acid on bovine oocyte lipid profile. <i>Reproduction, Fertility and Development</i> , 2016, 28, 1326.	0.1	11
89	Associations between Forkhead Box O1 (FoxO1) Expression and Indicators of Hepatic Glucose Production in Transition Dairy Cows Supplemented with Dietary Nicotinic Acid. <i>PLoS ONE</i> , 2016, 11, e0146670.	1.1	11
90	Physiological Concentration of Exogenous Lactate Reduces Antimycin A Triggered Oxidative Stress in Intestinal Epithelial Cell Line IPEC-1 and IPEC-J2 In Vitro. <i>PLoS ONE</i> , 2016, 11, e0153135.	1.1	26

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91	Effects of Long-term Graded L-arginine Supply on Growth Development, Egg Laying and Egg Quality in Four Genetically Diverse Purebred Layer Lines. <i>Journal of Poultry Science</i> , 2015, 53, 8-21.	0.7	25
92	Effects of Prepartum Dietary Energy Level and Nicotinic Acid Supplementation on Immunological, Hematological and Biochemical Parameters of Periparturient Dairy Cows Differing in Parity. <i>Animals</i> , 2015, 5, 910-933.	1.0	16
93	Ergot Alkaloids in Feed for Pekin Ducks: Toxic Effects, Metabolism and Carry Over into Edible Tissues. <i>Toxins</i> , 2015, 7, 2006-2023.	1.5	14
94	Studies on the Bioavailability of Deoxynivalenol (DON) and DON Sulfonate (DONS) 1, 2, and 3 in Pigs Fed with Sodium Sulfite-Treated DON-Contaminated Maize. <i>Toxins</i> , 2015, 7, 4622-4644.	1.5	16
95	Metabolism of Deoxynivalenol and Deepoxy-Deoxynivalenol in Broiler Chickens, Pullets, Roosters and Turkeys. <i>Toxins</i> , 2015, 7, 4706-4729.	1.5	51
96	Metabolic and Hematological Consequences of Dietary Deoxynivalenol Interacting with Systemic <i>Escherichia coli</i> Lipopolysaccharide. <i>Toxins</i> , 2015, 7, 4773-4796.	1.5	20
97	Relative Bioavailability of Niacin Supplements for Dairy Cows: Effects of Rumen Protection and of Feed Processing. <i>Veterinary Sciences</i> , 2015, 2, 440-455.	0.6	1
98	Changes of Adipose Tissue Morphology and Composition during Late Pregnancy and Early Lactation in Dairy Cows. <i>PLoS ONE</i> , 2015, 10, e0127208.	1.1	17
99	Effects of Dietary Exposure to Zearalenone (ZEN) on Carp (<i>Cyprinus carpio</i> L.). <i>Toxins</i> , 2015, 7, 3465-3480.	1.5	32
100	Effect of exogenous fibrolytic enzymes on performance and blood profile in early and mid-lactation Holstein cows. <i>Animal Nutrition</i> , 2015, 1, 229-238.	2.1	34
101	Effects of Increasing Concentrations of Sodium Sulfite on Deoxynivalenol and Deoxynivalenol Sulfonate Concentrations of Maize Kernels and Maize Meal Preserved at Various Moisture Content. <i>Toxins</i> , 2015, 7, 791-811.	1.5	18
102	Systemic <i>E. coli</i> lipopolysaccharide but not deoxynivalenol results in transient leukopenia and diminished metabolic activity of peripheral blood mononuclear cells ex vivo. <i>Mycotoxin Research</i> , 2015, 31, 41-50.	1.3	4
103	Effects of elevated parameters of subclinical ketosis on the immune system of dairy cows: in vivo and in vitro results. <i>Archives of Animal Nutrition</i> , 2015, 69, 113-127.	0.9	24
104	Effects of particle size and hydro-thermal treatment of feed on performance and stomach health in fattening pigs. <i>Archives of Animal Nutrition</i> , 2015, 69, 455-472.	0.9	12
105	Invited review: Diagnosis of zearalenone (ZEN) exposure of farm animals and transfer of its residues into edible tissues (carry over). <i>Food and Chemical Toxicology</i> , 2015, 84, 225-249.	1.8	88
106	Diagnostic opportunities for evaluation of the exposure of dairy cows to the mycotoxins deoxynivalenol (<sc>DON</sc>) and zearalenone (<sc>ZEN</sc>): reliability of blood plasma, bile and follicular fluid as indicators. <i>Journal of Animal Physiology and Animal Nutrition</i> , 2015, 99, 847-855.	1.0	23
107	Effects of deoxynivalenol in naturally contaminated wheat on feed intake and health status of horses. <i>Mycotoxin Research</i> , 2015, 31, 209-216.	1.3	8
108	Effects of an energy-dense diet and nicotinic acid supplementation on production and metabolic variables of primiparous or multiparous cows in periparturient period. <i>Archives of Animal Nutrition</i> , 2015, 69, 319-339.	0.9	22

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109	Free-air CO ₂ enrichment modifies maize quality only under drought stress. <i>Agronomy for Sustainable Development</i> , 2015, 35, 203-212.	2.2	12
110	Development of a multi-toxin method for investigating the carryover of zearalenone, deoxynivalenol and their metabolites into milk of dairy cows. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , 2015, 32, 371-80.	1.1	11
111	Effects of Inhibiting Dipeptidyl Peptidase-4 (DPP4) in Cows with Subclinical Ketosis. <i>PLoS ONE</i> , 2015, 10, e0136078.	1.1	4
112	Longitudinal Profiling of the Tissue-Specific Expression of Genes Related with Insulin Sensitivity in Dairy Cows during Lactation Focusing on Different Fat Depots. <i>PLoS ONE</i> , 2014, 9, e86211.	1.1	52
113	Description of a bovine model for studying digestive and metabolic effects of a positive energy balance not biased by lactation or gravidity. <i>Archives of Animal Nutrition</i> , 2014, 68, 460-477.	0.9	13
114	Zearalenone (ZEN) metabolism and residue concentrations in physiological specimens of dairy cows exposed long-term to ZEN-contaminated diets differing in concentrate feed proportions. <i>Archives of Animal Nutrition</i> , 2014, 68, 492-506.	0.9	15
115	Diagnosis of intoxications of piglets fed with <i>Fusarium</i> toxin-contaminated maize by the analysis of mycotoxin residues in serum, liquor and urine with LC-MS/MS. <i>Archives of Animal Nutrition</i> , 2014, 68, 425-447.	0.9	36
116	Residues of deoxynivalenol (DON) and its metabolite de-epoxy-DON in eggs, plasma and bile of laying hens of different genetic backgrounds. <i>Archives of Animal Nutrition</i> , 2014, 68, 412-422.	0.9	9
117	Effects of prepartal body condition score and peripartal energy supply of dairy cows on postpartal lipolysis, energy balance and ketogenesis: an animal model to investigate subclinical ketosis. <i>Journal of Dairy Research</i> , 2014, 81, 257-266.	0.7	58
118	Difference method for analysing infrared images in pigs with elevated body temperatures. <i>Zeitschrift Fur Medizinische Physik</i> , 2014, 24, 6-15.	0.6	27
119	Influence of various selenium sources on selenium concentration in the milk of dairy cows. <i>Journal Fur Verbraucherschutz Und Lebensmittelsicherheit</i> , 2014, 9, 101-109.	0.5	26
120	Residues of zearalenone (ZEN), deoxynivalenol (DON) and their metabolites in plasma of dairy cows fed <i>Fusarium</i> contaminated maize and their relationships to performance parameters. <i>Food and Chemical Toxicology</i> , 2014, 65, 196-204.	1.8	57
121	Impact of mild heat stress on dry matter intake, milk yield and milk composition in mid-lactation Holstein dairy cows in a temperate climate. <i>Archives of Animal Nutrition</i> , 2014, 68, 358-369.	0.9	65
122	Effects of feeding diets containing increasing proportions of bunt-infected wheat (<i>Tilletia caries</i>) on performance and health of pigs. <i>Archives of Animal Nutrition</i> , 2014, 68, 55-62.	0.9	3
123	Proposal of a comprehensive definition of modified and other forms of mycotoxins including "masked" mycotoxins. <i>Mycotoxin Research</i> , 2014, 30, 197-205.	1.3	268
124	Effects of feeding deoxynivalenol (DON)-contaminated wheat to laying hens and roosters of different genetic background on the reproductive performance and health of the newly hatched chicks. <i>Mycotoxin Research</i> , 2014, 30, 131-140.	1.3	7
125	Development of a liquid chromatography tandem mass spectrometry method for the simultaneous determination of zearalenone, deoxynivalenol and their metabolites in pig serum. <i>Mycotoxin Research</i> , 2014, 30, 171-186.	1.3	34
126	Lipopolysaccharides (LPS) modulate the metabolism of deoxynivalenol (DON) in the pig. <i>Mycotoxin Research</i> , 2014, 30, 161-170.	1.3	15

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127	In vivo effects of deoxynivalenol (DON) on innate immune responses of carp (<i>Cyprinus carpio</i> L.). <i>Food and Chemical Toxicology</i> , 2014, 68, 44-52.	1.8	41
128	Supplementation with conjugated linoleic acids extends the adiponectin deficit during early lactation in dairy cows. <i>General and Comparative Endocrinology</i> , 2014, 198, 13-21.	0.8	27
129	A commonly used rumen-protected conjugated linoleic acid supplement marginally affects fatty acid distribution of body tissues and gene expression of mammary gland in heifers during early lactation. <i>Lipids in Health and Disease</i> , 2013, 12, 96.	1.2	10
130	Hydrothermal treatment of naturally contaminated maize in the presence of sodium metabisulfite, methylamine and calcium hydroxide; effects on the concentration of zearalenone and deoxynivalenol. <i>Mycotoxin Research</i> , 2013, 29, 169-175.	1.3	21
131	The <i>Fusarium</i> toxin deoxynivalenol (DON) modulates the LPS induced acute phase reaction in pigs. <i>Toxicology Letters</i> , 2013, 220, 172-180.	0.4	16
132	Effects of oregano on performance and immunomodulating factors in weaned piglets. <i>Archives of Animal Nutrition</i> , 2013, 67, 461-476.	0.9	27
133	UV-induced cis-trans isomerization of zearalenone in contaminated maize. <i>Mycotoxin Research</i> , 2013, 29, 221-227.	1.3	9
134	Kinetics and metabolism of the <i>Fusarium</i> toxin deoxynivalenol in farm animals: Consequences for diagnosis of exposure and intoxication and carry over. <i>Food and Chemical Toxicology</i> , 2013, 60, 58-75.	1.8	93
135	Transfer of conjugated linoleic acids into different tissues of dairy cows. <i>Archives of Animal Nutrition</i> , 2013, 67, 119-133.	0.9	8
136	Effects of conjugated linoleic acids and dietary concentrate proportion on performance, milk composition, milk yield and metabolic parameters of periparturient dairy cows. <i>Archives of Animal Nutrition</i> , 2013, 67, 185-201.	0.9	10
137	Occurrence of Deoxynivalenol and Zearalenone in Commercial Fish Feed: An Initial Study. <i>Toxins</i> , 2013, 5, 184-192.	1.5	96
138	Effects of Ergot Alkaloids on Liver Function of Piglets as Evaluated by the ^{13}C -Methacetin and ^{13}C - β -Ketoisocaproic Acid Breath Test. <i>Toxins</i> , 2013, 5, 139-161.	1.5	10
139	Effects of a <i>Fusarium</i> toxin-contaminated maize treated with sodium metabisulphite, methylamine and calcium hydroxide in diets for female piglets. <i>Archives of Animal Nutrition</i> , 2013, 67, 314-329.	0.9	13
140	Bioavailability of the <i>Fusarium</i> toxin deoxynivalenol (DON) from wheat straw and chaff in pigs. <i>Archives of Animal Nutrition</i> , 2013, 67, 37-47.	0.9	30
141	Intestinal transport of deoxynivalenol across porcine small intestines. <i>Archives of Animal Nutrition</i> , 2013, 67, 134-146.	0.9	7
142	Effects of ergot alkaloids in feed on performance and liver function of piglets as evaluated by the ^{13}C -methacetin breath test. <i>Archives of Animal Nutrition</i> , 2013, 67, 15-36.	0.9	11
143	Effects of cis-9,trans-11 and trans-10,cis-12 Conjugated Linoleic Acid, Linoleic Acid, Phytanic Acid and the Combination of Various Fatty Acids on Proliferation and Cytokine Expression of Bovine Peripheral Blood Mononuclear Cells. <i>Nutrients</i> , 2013, 5, 2667-2683.	1.7	19
144	The effects of iodine level and source on iodine carry-over in eggs and body tissues of laying hens. <i>Archives of Animal Nutrition</i> , 2012, 66, 385-401.	0.9	23

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145	Effect of niacin supplementation on rumen fermentation characteristics and nutrient flow at the duodenum in lactating dairy cows fed a diet with a negative rumen nitrogen balance. <i>Archives of Animal Nutrition</i> , 2012, 66, 303-318.	0.9	18
146	Effects of ergot alkaloids on liver function of piglets can be detected by the [¹³ C]methacetin breath test irrespective of oral or intramuscular route of tracer administration. <i>Isotopes in Environmental and Health Studies</i> , 2012, 48, 558-572.	0.5	6
147	Effects of conjugated linoleic acids fed to dairy cows during early gestation on hematological, immunological, and metabolic characteristics of cows and their calves. <i>Journal of Dairy Science</i> , 2012, 95, 3938-3953.	1.4	17
148	The plasma clearance of the Fusarium toxin deoxynivalenol (DON) is decreased in endotoxemic pigs. <i>Food and Chemical Toxicology</i> , 2012, 50, 4405-4411.	1.8	14
149	Effect of niacin supplementation on digestibility, nitrogen utilisation and milk and blood variables in lactating dairy cows fed a diet with a negative rumen nitrogen balance. <i>Archives of Animal Nutrition</i> , 2012, 66, 200-214.	0.9	20
150	Systemic and local effects of the Fusarium toxin deoxynivalenol (DON) are not alleviated by dietary supplementation of humic substances (HS). <i>Food and Chemical Toxicology</i> , 2012, 50, 979-988.	1.8	18
151	Effect of conjugated linoleic acid on proliferation and cytokine expression of bovine peripheral blood mononuclear cells and splenocytes ex vivo. <i>Archives of Animal Nutrition</i> , 2012, 66, 73-85.	0.9	12
152	Determination of very low stable isotope enrichments of [2H5]-phenylalanine in chicken liver using liquid chromatography-tandem mass spectrometry (LC-MS/MS). <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2012, 911, 147-153.	1.2	3
153	A chronic oral exposure of pigs with deoxynivalenol partially prevents the acute effects of lipopolysaccharides on hepatic histopathology and blood clinical chemistry. <i>Toxicology Letters</i> , 2012, 215, 193-200.	0.4	20
154	Effects of deoxynivalenol and lipopolysaccharide on electrophysiological parameters in growing pigs. <i>Mycotoxin Research</i> , 2012, 28, 243-252.	1.3	10
155	Effects of the thermal environment on metabolism of deoxynivalenol and thermoregulatory response of sheep fed on corn silage grown at enriched atmospheric carbon dioxide and drought. <i>Mycotoxin Research</i> , 2012, 28, 219-227.	1.3	3
156	Humic substances failed to prevent the systemic absorption of deoxynivalenol (DON) and its adverse effects on piglets. <i>Mycotoxin Research</i> , 2012, 28, 253-260.	1.3	6
157	Inactivation of deoxynivalenol-contaminated cereal grains with sodium metabisulfite: a review of procedures and toxicological aspects. <i>Mycotoxin Research</i> , 2012, 28, 199-218.	1.3	29
158	Fatty acid profile and proliferation of bovine blood mononuclear cells after conjugated linoleic acid supplementation. <i>Lipids in Health and Disease</i> , 2012, 11, 63.	1.2	15
159	Effects of dietary conjugated linoleic acid on the growth performance of chickens and ducks for fattening and fatty acid composition of breast meat. <i>Journal Fur Verbraucherschutz Und Lebensmittelsicherheit</i> , 2012, 7, 3-9.	0.5	6
160	Effects of long-term supplementation of dairy cow diets with rumen-protected conjugated linoleic acids (CLA) on performance, metabolic parameters and fatty acid profile in milk fat. <i>Archives of Animal Nutrition</i> , 2011, 65, 89-107.	0.9	45
161	Mycotoxin deoxynivalenol (DON) mediates biphasic cellular response in intestinal porcine epithelial cell lines IPEC-1 and IPEC-J2. <i>Toxicology Letters</i> , 2011, 200, 8-18.	0.4	115
162	Effect of rare earth elements on beef cattle growth performance, blood clinical chemical parameters and mitogen stimulated proliferation of bovine peripheral blood mononuclear cells in vitro and ex vivo. <i>Toxicology Letters</i> , 2011, 201, 277-284.	0.4	23

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163	Vulnerability of Polarised Intestinal Porcine Epithelial Cells to Mycotoxin Deoxynivalenol Depends on the Route of Application. PLoS ONE, 2011, 6, e17472.	1.1	100
164	The Fusarium toxins deoxynivalenol (DON) and zearalenone (ZON) in animal feeding. Preventive Veterinary Medicine, 2011, 102, 132-145.	0.7	154
165	Effect of different storage conditions on the mycotoxin contamination of Fusarium culmorum-infected and non-infected wheat straw. Mycotoxin Research, 2011, 27, 145-153.	1.3	23
166	Influence of in vitro supplementation with lipids from conventional and Alpine milk on fatty acid distribution and cell growth of HT-29 cells. Lipids in Health and Disease, 2011, 10, 131.	1.2	19
167	Duodenal availability of conjugated linoleic acids after supplementation to dairy cow diets. European Journal of Lipid Science and Technology, 2011, 113, 1443-1455.	1.0	22
168	Influence of various amounts of fumaric acid on performance and parameters of the acid-base balance of growing bulls fed with grass or maize silage. Archives of Animal Nutrition, 2011, 65, 386-401.	0.9	6
169	Effect of graded levels of rare earth elements in diets of fattening bulls on growing and slaughtering performance, and on nutrient digestibility of wethers. Archives of Animal Nutrition, 2011, 65, 55-73.	0.9	11
170	Effects of feeding a Fusarium toxin-contaminated diet to infectious bursal disease virus-infected broilers on the protein turnover of the bursa of Fabricius and spleen. Archives of Animal Nutrition, 2011, 65, 1-20.	0.9	9
171	Determination of deoxynivalenol-sulfonate (DONS) in cereals by hydrophilic interaction chromatography coupled to tandem mass spectrometry. Mycotoxin Research, 2010, 26, 109-117.	1.3	23
172	On the effects of the Fusarium toxin deoxynivalenol (DON) administered per os or intraperitoneal infusion to sows during days 63 to 70 of gestation. Mycotoxin Research, 2010, 26, 119-131.	1.3	15
173	Blood plasma levels of deoxynivalenol and its de-epoxy metabolite in broilers after a single oral dose of the toxin. Mycotoxin Research, 2010, 26, 217-220.	1.3	17
174	Effects of concentrate proportion in the diet with or without Fusarium toxin-contaminated triticale on ruminal fermentation and the structural diversity of rumen microbial communities in vitro. Archives of Animal Nutrition, 2010, 64, 467-483.	0.9	22
175	Investigations on the kinetics of the concentration of deoxynivalenol (DON) and on spoilage by moulds and yeasts of wheat grain preserved with sodium metabisulfite (Na ₂ S ₂ O ₅ , SBS) and propionic acid at various moisture contents. Archives of Animal Nutrition, 2010, 64, 190-203.	0.9	18
176	A probiotic feed additive containing spores of Bacillus subtilis and B. licheniformis does not prevent absorption and toxic effects of the Fusarium toxin deoxynivalenol in piglets. Food and Chemical Toxicology, 2010, 48, 152-158.	1.8	21
177	Effects of the level of feed intake and ergot contaminated concentrate on ergot alkaloid metabolism and carry over into milk. Molecular Nutrition and Food Research, 2009, 53, 931-938.	1.5	25
178	Effects of increasing concentrations of sodium metabisulphite (Na ₂ S ₂ O ₅ , SBS) on deoxynivalenol (DON) concentration and microbial spoilage of triticale kernels preserved without and with propionic acid at various moisture contents. Mycotoxin Research, 2009, 25, 215-223.	1.3	18
179	Deoxynivalenol-induced cytotoxicity, cytokines and related genes in unstimulated or lipopolysaccharide stimulated primary porcine macrophages. Toxicology Letters, 2009, 184, 97-106.	0.4	48
180	Interactions of deoxynivalenol and lipopolysaccharides on cytotoxicity protein synthesis and metabolism of DON in porcine hepatocytes and Kupffer cell enriched hepatocyte cultures. Toxicology Letters, 2009, 189, 121-129.	0.4	21

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181	Interactions of deoxynivalenol and lipopolysaccharides on cytokine excretion and mRNA expression in porcine hepatocytes and Kupffer cell enriched hepatocyte cultures. <i>Toxicology Letters</i> , 2009, 190, 96-105.	0.4	26
182	Investigations on the effect of a niacin supplementation to three diets differing in forage-to-concentrate ratio on several blood and milk variables of dairy cows. <i>Archives of Animal Nutrition</i> , 2009, 63, 203-218.	0.9	13
183	Residues of deoxynivalenol (DON) in pig tissue after feeding mash or pellet diets containing low concentrations. <i>Molecular Nutrition and Food Research</i> , 2008, 52, 727-734.	1.5	34
184	No carry over of unmetabolised deoxynivalenol in milk of dairy cows fed high concentrate proportions. <i>Molecular Nutrition and Food Research</i> , 2008, 52, 1514-1529.	1.5	35
185	On the effects of the concentrate proportion of dairy cow rations in the presence and absence of a <i>Fusarium</i> toxin-contaminated triticale on cow performance. <i>Archives of Animal Nutrition</i> , 2008, 62, 241-262.	0.9	22
186	Effects of a <i>Fusarium</i> toxin-contaminated triticale, either untreated or treated with sodium metabisulphite ($\text{Na}_2\text{S}_2\text{O}_5$, SBS), on weaned piglets with a special focus on liver function as determined by the ^{13}C -methacetin breath test. <i>Archives of Animal Nutrition</i> , 2008, 62, 263-286.	0.9	27
187	Ruminal fermentation patterns and parameters of the acid base metabolism in the urine as influenced by the proportion of concentrate in the ration of dairy cows with and without <i>Fusarium</i> toxin-contaminated triticale. <i>Archives of Animal Nutrition</i> , 2008, 62, 287-302.	0.9	21
188	Carry-over of <i>Fusarium</i> toxins (deoxynivalenol and zearalenone) from naturally contaminated wheat to pigs. <i>Food Additives and Contaminants</i> , 2007, 24, 369-380.	2.0	68
189	Effects of different levels of ergot in concentrates on the growing and slaughtering performance of bulls and on carry-over into edible tissue. <i>Archives of Animal Nutrition</i> , 2007, 61, 357-370.	0.9	24
190	On the specific and unspecific effects of a polymeric glucomannan mycotoxin adsorbent on piglets when fed with uncontaminated or with <i>Fusarium</i> toxins contaminated diets. <i>Archives of Animal Nutrition</i> , 2007, 61, 266-275.	0.9	24
191	Practically relevant concentrations of deoxynivalenol in diets for growing-finishing pigs offered as mash or pellets. <i>Archives of Animal Nutrition</i> , 2007, 61, 247-265.	0.9	14
192	Effects of the <i>Fusarium</i> toxin deoxynivalenol from naturally contaminated wheat given subchronically or as one single dose on the in vivo protein synthesis of peripheral blood lymphocytes and plasma proteins in the pig. <i>Food and Chemical Toxicology</i> , 2006, 44, 1953-1965.	1.8	46
193	Bioavailability of the <i>Fusarium</i> toxin deoxynivalenol (DON) from naturally contaminated wheat for the pig. <i>Toxicology Letters</i> , 2006, 163, 171-182.	0.4	142
194	Effect of the <i>Fusarium</i> toxin deoxynivalenol (DON) on IgA, IgM and IgG concentrations and proliferation of porcine blood lymphocytes. <i>Toxicology in Vitro</i> , 2006, 20, 858-867.	1.1	60
195	Influence of a <i>Fusarium</i> culmorum inoculation of wheat on the progression of mycotoxin accumulation, ingredient concentrations and ruminalin saccodry matter degradation of wheat residues. <i>Archives of Animal Nutrition</i> , 2006, 60, 141-157.	0.9	19
196	Study on the transmission of deoxynivalenol and de-epoxy-deoxynivalenol into eggs of laying hens using a high-performance liquid chromatography-ultraviolet method with clean-up by immunoaffinity columns. <i>Molecular Nutrition and Food Research</i> , 2005, 49, 779-785.	1.5	36
197	On the effects of graded levels of <i>Fusarium</i> toxin contaminated wheat in diets for gilts on feed intake, growth performance and metabolism of deoxynivalenol and zearalenone. <i>Molecular Nutrition and Food Research</i> , 2005, 49, 932-943.	1.5	71
198	Comparative studies on the effect of ergot contaminated feed on performance and health of piglets and chickens. <i>Archives of Animal Nutrition</i> , 2005, 59, 81-98.	0.9	19

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199	The influence of ergot-contaminated feed on growth and slaughtering performance, nutrient digestibility and carry over of ergot alkaloids in growing-finishing pigs. Archives of Animal Nutrition, 2005, 59, 377-395.	0.9	19
200	Effect of soy oil supplementation and protein level in laying hen diets on praecaecal nutrient digestibility, performance, reproductive performance, fatty acid composition of yolk fat, and on other egg quality parameters. European Journal of Lipid Science and Technology, 2000, 102, 218-232.	1.0	13