

Wilhelm M Windisch

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

41
papers

1,142
citations

14
h-index

33
g-index

44
ext. papers

1,365
ext. citations

3.3
avg, IF

4.45
L-index

#	Paper	IF	Citations
41	Effects of gradual differences in trypsin inhibitor activity on the estimation of digestible amino acids in soybean expellers for broiler chickens.. <i>Poultry Science</i> , 2022 , 101, 101740	3.9	0
40	Body composition and composition of gain of growing beef bulls fed rations with varying energy concentrations. <i>Meat Science</i> , 2022 , 184, 108685	6.4	0
39	Genotype-by-Diet Interactions for Larval Performance and Body Composition Traits in the Black Soldier Fly, <i>Hermetia illucens</i> . <i>Insects</i> , 2022 , 13, 424	2.8	1
38	Livestock-based Bioeconomy 2022 , 67-83		
37	The response of zinc transporter gene expression of selected tissues in a pig model of subclinical zinc deficiency. <i>Journal of Nutritional Biochemistry</i> , 2021 , 90, 108576	6.3	4
36	Clay Minerals Affect the Solubility of Zn and Other Bivalent Cations in the Digestive Tract of Ruminants In Vitro. <i>Animals</i> , 2021 , 11,	3.1	1
35	Effects of supplementing a CP-reduced diet with rumen-protected methionine on Fleckvieh bull fattening. <i>Animal</i> , 2021 , 15, 100366	3.1	0
34	Influence of dietary energy concentration and body weight at slaughter on carcass tissue composition and beef cuts of modern type Fleckvieh (German Simmental) bulls. <i>Meat Science</i> , 2020 , 169, 108209	6.4	5
33	Effects of whole plant brown algae (on zootechnical performance, apparent total tract digestibility, faecal characteristics and blood plasma urea in weaned piglets. <i>Archives of Animal Nutrition</i> , 2020 , 74, 19-38	2.7	2
32	Adaption of body zinc pools in weaned piglets challenged with subclinical zinc deficiency. <i>British Journal of Nutrition</i> , 2019 , 121, 849-858	3.6	4
31	ChickensTgrowth performance and pancreas development exposed to soy cake varying in trypsin inhibitor activity, heat-degraded lysine concentration, and protein solubility in potassium hydroxide. <i>Poultry Science</i> , 2019 , 98, 2489-2499	3.9	5
30	Zn metabolism of monogastric species and consequences for the definition of feeding requirements and the estimation of feed Zn bioavailability. <i>Journal of Zhejiang University: Science B</i> , 2019 , 20, 617-627	4.5	6
29	Influence of dietary protein and fructooligosaccharides on fecal fermentative end-products, fecal bacterial populations and apparent total tract digestibility in dogs. <i>BMC Veterinary Research</i> , 2018 , 14, 106	2.7	20
28	Short-Term Subclinical Zinc Deficiency in Weaned Piglets Affects Cardiac Redox Metabolism and Zinc Concentration. <i>Journal of Nutrition</i> , 2017 , 147, 521-527	4.1	8
27	Strategies and challenges to increase the precision in feeding zinc to monogastric livestock. <i>Animal Nutrition</i> , 2017 , 3, 103-108	4.8	16
26	Effects of different iron supply to pregnant sows (<i>Sus scrofa domestica</i> L.) on reproductive performance as well as iron status of new-born piglets. <i>Archives of Animal Nutrition</i> , 2017 , 71, 219-230	2.7	6
25	Subclinical zinc deficiency impairs pancreatic digestive enzyme activity and digestive capacity of weaned piglets. <i>British Journal of Nutrition</i> , 2016 , 116, 425-33	3.6	11

24	Transcript profiling in the liver of early-lactating dairy cows fed conjugated linoleic acid. <i>Genomics Data</i> , 2016 , 10, 101-103		2
23	Inflammation neither increases hepatic hepcidin nor affects intestinal (59)Fe-absorption in two murine models of bowel inflammation, hemizygous TNF(ARE/+) and homozygous IL-10(-/-) mice. <i>Journal of Trace Elements in Medicine and Biology</i> , 2015 , 32, 162-7	4.1	3
22	In-silico and in-vitro evaluation of the potential of maize kernels to inhibit trypsin activity. <i>Animal Feed Science and Technology</i> , 2015 , 207, 289-294	3	3
21	Gender-specific effects of a phytogetic feed additive on performance, intestinal physiology and morphology in broiler chickens. <i>Journal of Animal Physiology and Animal Nutrition</i> , 2015 , 99, 788-800	2.6	7
20	Environmental responsibilities of livestock feeding using trace mineral supplements. <i>Animal Nutrition</i> , 2015 , 1, 113-118	4.8	30
19	Using piglets as an animal model: Preliminary results on the impact of short-term marginal zinc deficiency on zinc acquisition and storage dependent gene expression in jejunal and colonic tissue. <i>Perspectives in Science</i> , 2015 , 3, 30-31	0.8	1
18	Development of an experimental model to assess the bioavailability of zinc in practical piglet diets. <i>Archives of Animal Nutrition</i> , 2014 , 68, 73-92	2.7	19
17	Expression of fibroblast growth factor 21 in the liver of dairy cows in the transition period and during lactation. <i>Journal of Animal Physiology and Animal Nutrition</i> , 2013 , 97, 820-9	2.6	11
16	Effects of a rumen-protected mixture of conjugated linoleic acids on hepatic expression of genes involved in lipid metabolism in dairy cows. <i>Journal of Dairy Science</i> , 2012 , 95, 3905-18	4	29
15	Use of phytogetic products as feed additives for swine and poultry. <i>Journal of Animal Science</i> , 2008 , 86, E140-8	0.7	648
14	Bioavailability of zinc glycinate in comparison with zinc sulphate in the presence of dietary phytate in an animal model with Zn labelled rats. <i>Journal of Animal Physiology and Animal Nutrition</i> , 2006 , 90, 216-22	2.6	25
13	Effect of zinc deficiency on the mRNA expression pattern in liver and jejunum of adult rats: monitoring gene expression using cDNA microarrays combined with real-time RT-PCR. <i>Journal of Nutritional Biochemistry</i> , 2003 , 14, 691-702	6.3	53
12	Development of zinc deficiency in 65Zn labeled, fully grown rats as a model for adult individuals. <i>Journal of Trace Elements in Medicine and Biology</i> , 2003 , 17, 91-6	4.1	14
11	Influence of zinc deficiency on the mRNA expression of zinc transporters in adult rats. <i>Journal of Trace Elements in Medicine and Biology</i> , 2003 , 17, 97-106	4.1	38
10	Homeostatic response of Zn metabolism to dietary Zn supplements from sulfate, gluconate, orotate, aspartate or histidine in 65Zn labeled non-growing rats as a model to adult individuals. <i>Trace Elements and Electrolytes</i> , 2003 , 20, 125-133	1.8	5
9	Interaction of chemical species with biological regulation of the metabolism of essential trace elements. <i>Analytical and Bioanalytical Chemistry</i> , 2002 , 372, 421-5	4.4	70
8	Effect of Zn deficiency and subsequent Zn repletion on bone mineral composition and markers of bone tissue metabolism in 65Zn-labelled, young-adult rats. <i>Journal of Animal Physiology and Animal Nutrition</i> , 2002 , 86, 214-21	2.6	9
7	Tissue zinc distribution and exchange in adult rats at zinc deficiency induced by dietary phytate additions: II. Quantitative zinc metabolism of 65Zn-labelled adult rats at zinc deficiency. <i>Journal of Animal Physiology and Animal Nutrition</i> , 1999 , 82, 116-124	2.6	14

6	Anpassung des Zinkstoffwechsels und des Zink austauschs im Ganzkörper 65Zn-markierter Ratten an eine variierende Zinkaufnahme. <i>Journal of Animal Physiology and Animal Nutrition</i> , 1995 , 74, 101-112	2.6	14
5	Zinkverteilung und Zink austausch im Gewebe 65Zn markierter Ratten. <i>Journal of Animal Physiology and Animal Nutrition</i> , 1995 , 74, 113-122	2.6	10
4	Zur Messung der homöostatischen Anpassung des Zinkstoffwechsels an eine defizitäre und hohe Zinkversorgung nach alimentärer 65Zn-Markierung. <i>Journal of Animal Physiology and Animal Nutrition</i> , 1994 , 71, 98-107	2.6	25
3	Zink exkretion und Kinetik des Zink austauschs im Ganzkörper bei defizitärer und hoher Zinkversorgung 2. Zum Effekt einer unterschiedlichen Zinkversorgung auf den quantitativen Zinkumsatz im Stoffwechsel adulter Ratten. <i>Journal of Animal Physiology and Animal Nutrition</i> , 1994 , 71, 128-130	2.6	12
2	Verteilung und Austausch von Zink in verschiedenen Gewebefractionen bei defizitärer und hoher Zinkversorgung 3. Zum Effekt einer unterschiedlichen Zinkversorgung auf den quantitativen Zinkumsatz im Stoffwechsel adulter Ratten. <i>Journal of Animal Physiology and Animal Nutrition</i> , 1994 , 71, 131-139	2.6	11
1	Dietary l-glutamic acid N,N-diacetic acid improves short-term maintenance of zinc homeostasis in a model of subclinical zinc deficiency in weaned piglets. <i>British Journal of Nutrition</i> , 1-10	3.6	0