

Sylwester Swiatkiewicz

List of Publications by Citations

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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.

105
papers

1,909
citations

25
h-index

36
g-index

114
ext. papers

2,350
ext. citations

2.2
avg, IF

5.11
L-index

#	Paper	IF	Citations
105	1. Insects [A Natural Nutrient Source for Poultry [A Review. <i>Annals of Animal Science</i> , 2016 , 16, 297-313	2	97
104	The use of distillers dried grains with solubles (DDGS) in poultry nutrition. <i>World's Poultry Science Journal</i> , 2008 , 64, 257-266	3	76
103	The Usefulness of Prebiotics and Probiotics in Modern Poultry Nutrition: a Review / PrzydatnoŃ prebiotykw i probiotykw w nowoczesnym Ńwieniu drobiu [przeŃlŃ. <i>Annals of Animal Science</i> , 2013 , 13, 17-32	2	74
102	Chitosan and its oligosaccharide derivatives (chito-oligosaccharides) as feed supplements in poultry and swine nutrition. <i>Journal of Animal Physiology and Animal Nutrition</i> , 2015 , 99, 1-12	2.6	72
101	The effect of zinc and manganese source in the diet for laying hens on eggshell and bones quality. <i>Veterinarni Medicina</i> , 2008 , 53, 555-563	0.7	65
100	The effect of microbial phytase and myo-inositol on performance and blood biochemistry of broiler chickens fed wheat/corn-based diets. <i>Poultry Science</i> , 2013 , 92, 2124-34	3.9	53
99	The efficacy of organic minerals in poultry nutrition: review and implications of recent studies. <i>World's Poultry Science Journal</i> , 2014 , 70, 475-486	3	52
98	Towards complete dephosphorylation and total conversion of phytates in poultry feeds. <i>Poultry Science</i> , 2004 , 83, 1175-86	3.9	52
97	Phytase modulates ileal microbiota and enhances growth performance of the broiler chickens. <i>PLoS ONE</i> , 2015 , 10, e0119770	3.7	47
96	Effects of replacing soybean oil with selected insect fats on broilers. <i>Animal Feed Science and Technology</i> , 2018 , 240, 170-183	3	43
95	Laying performance and eggshell quality in laying hens fed diets supplemented with prebiotics and organic acids. <i>Czech Journal of Animal Science</i> , 2010 , 55, 294-306	1.1	43
94	Simultaneous application of phytase and xylanase to broiler feeds based on wheat: in vitro measurements of phosphorus and pentose release from wheats and wheat-based feeds [<i>Journal of the Science of Food and Agriculture</i> , 1999 , 79, 1832-1840	4.3	42
93	Simultaneous application of phytase and xylanase to broiler feeds based on wheat: feeding experiment with growing broilers [<i>Journal of the Science of Food and Agriculture</i> , 1999 , 79, 1841-1848	4.3	39
92	The use of cottonseed meal as a protein source for poultry: an updated review. <i>World's Poultry Science Journal</i> , 2016 , 72, 473-484	3	35
91	Avian Crop Function [A Review. <i>Annals of Animal Science</i> , 2016 , 16, 653-678	2	35
90	Comparison of the efficacies of a novel aspergillus niger mycelium with separate and combined effectiveness of phytase, acid phosphatase, and pectinase in dephosphorylation of wheat-based feeds fed to growing broilers. <i>Poultry Science</i> , 2000 , 79, 1434-43	3.9	31
89	Effect of maize distillers dried grains with solubles and dietary enzyme supplementation on the performance of laying hens. <i>Journal of Animal and Feed Sciences</i> , 2006 , 15, 253-260	1.5	30

88	Effects of selected feed additives on the performance of laying hens given a diet rich in maize dried distiller's grains with solubles (DDGS). <i>British Poultry Science</i> , 2013 , 54, 478-85	1.9	28
87	Application of microalgae biomass in poultry nutrition. <i>World's Poultry Science Journal</i> , 2015 , 71, 663-673		28
86	Effect of crude glycerin level in the diet of laying hens on egg performance and nutrient utilization. <i>Poultry Science</i> , 2009 , 88, 615-9	3.9	28
85	Rye non-starch polysaccharides: their impact on poultry intestinal physiology, nutrients digestibility and performance indices – a review. <i>Annals of Animal Science</i> , 2017 , 17, 351-369	2	27
84	The bioavailability of zinc from inorganic and organic sources in broiler chickens as affected by addition of phytase. <i>Journal of Animal and Feed Sciences</i> , 2001 , 10, 317-328	1.5	27
83	4. Quality of Poultry Meat from Native Chicken Breeds – A Review. <i>Annals of Animal Science</i> , 2016 , 16, 347-368	2	25
82	Genetically modified feeds and their effect on the metabolic parameters of food-producing animals: A review of recent studies. <i>Animal Feed Science and Technology</i> , 2014 , 198, 1-19	3	25
81	Full-fat insect meals as feed additive – the effect on broiler chicken growth performance and gastrointestinal tract microbiota. <i>Journal of Animal and Feed Sciences</i> , 2018 , 27, 131-139	1.5	25
80	Infectious and non-infectious factors associated with leg disorders in poultry – a review. <i>Annals of Animal Science</i> , 2017 , 17, 645-669	2	24
79	Effects of phospholytic and cell wall-degrading enzymes on the performance of growing broilers fed wheat-based diets containing different calcium levels. <i>Poultry Science</i> , 2000 , 79, 66-76	3.9	24
78	Dietary Probiotics Affect Gastrointestinal Microbiota, Histological Structure and Shell Mineralization in Turtles. <i>PLoS ONE</i> , 2016 , 11, e0147859	3.7	24
77	The use of Basidiomycota mushrooms in poultry nutrition – a review. <i>Animal Feed Science and Technology</i> , 2017 , 230, 59-69	3	23
76	Effect of Caponization on Meat Quality of Greenleg Partridge Cockerels. <i>Annals of Animal Science</i> , 2015 , 15, 541-553	2	23
75	Phytases and myo-inositol modulate performance, bone mineralization and alter lipid fractions in the serum of broilers. <i>Journal of Animal and Feed Sciences</i> , 2013 , 22, 56-62	1.5	23
74	The relationship between dietary fat sources and immune response in poultry and pigs: An updated review. <i>Livestock Science</i> , 2015 , 180, 237-246	1.7	22
73	The nutrition of poultry as a factor affecting litter quality and foot pad dermatitis - an updated review. <i>Journal of Animal Physiology and Animal Nutrition</i> , 2017 , 101, e14-e20	2.6	20
72	Effect of Organic Acids and Prebiotics on Bone Quality in Laying Hens Fed Diets with Two Levels of Calcium and Phosphorus. <i>Acta Veterinaria Brno</i> , 2010 , 79, 185-193	0.8	20
71	Efficacy of feed enzymes in pig and poultry diets containing distillers dried grains with solubles: a review. <i>Journal of Animal Physiology and Animal Nutrition</i> , 2016 , 100, 15-26	2.6	20

70	Feed enzymes, probiotic, or chitosan can improve the nutritional efficacy of broiler chicken diets containing a high level of distillers dried grains with solubles. <i>Livestock Science</i> , 2014 , 163, 110-119	1.7	19
69	From Waste to Sustainable Feed Material: The Effect of <i>Hermetia Illucens</i> Oil on the Growth Performance, Nutrient Digestibility, and Gastrointestinal Tract Morphometry of Broiler Chickens. <i>Annals of Animal Science</i> , 2020 , 20, 157-177	2	19
68	Immunomodulatory efficacy of yeast cell products in poultry: a current review. <i>World's Poultry Science Journal</i> , 2014 , 70, 57-68	3	18
67	Calcium from limestone meal and grit in laying hen diets - effect on performance, eggshell and bone quality. <i>Journal of Animal and Feed Sciences</i> , 2004 , 13, 635-645	1.5	18
66	Effects of inositol, inositol-generating phytase B applied alone, and in combination with 6-phytase A to phosphorus-deficient diets on laying performance, eggshell quality, yolk cholesterol, and fatty acid deposition in laying hens. <i>Poultry Science</i> , 2012 , 91, 1915-27	3.9	17
65	The effect of dietary potassium and sodium on performance, carcass traits, and nitrogen balance and excreta moisture in broiler chicken. <i>Journal of Animal and Feed Sciences</i> , 2010 , 19, 244-256	1.5	17
64	Effect of inulin and oligofructose on performance and bone characteristics of broiler chickens fed on diets with different concentrations of calcium and phosphorus. <i>British Poultry Science</i> , 2011 , 52, 483-499	1.9	16
63	Influence of supplemental enzymes on the performance and phosphorus excretion of broilers fed wheat-based diets to 6 weeks of age. <i>Animal Feed Science and Technology</i> , 2001 , 89, 113-118	3	16
62	Improved performance due to dietary supplementation with selected herbal extracts of broiler chickens infected with <i>Eimeria</i> spp.. <i>Journal of Animal and Feed Sciences</i> , 2013 , 22, 257-263	1.5	16
61	The nisin improves broiler chicken growth performance and interacts with salinomycin in terms of gastrointestinal tract microbiota composition. <i>Journal of Animal and Feed Sciences</i> , 2016 , 25, 309-316	1.5	16
60	The effect of a dietary herbal extract blend on the performance of broilers challenged with <i>Eimeria</i> oocysts. <i>Journal of Animal and Feed Sciences</i> , 2012 , 21, 133-142	1.5	15
59	Dietary supplementation with plant extracts, xanthophylls and synthetic antioxidants: Effect on fatty acid profile and oxidative stability of frozen stored chicken breast meat. <i>Journal of Animal and Feed Sciences</i> , 2007 , 16, 463-471	1.5	15
58	Effects on performance and eggshell quality of particle size of calcium sources in laying hens diets with different Ca concentrations. <i>Archives Animal Breeding</i> , 2015 , 58, 301-307	1.6	15
57	Bones quality indices in laying hens fed diets with a high level of DDGS and supplemented with selected feed additives. <i>Czech Journal of Animal Science</i> , 2014 , 59, 61-68	1.1	14
56	Nisin as a Novel Feed Additive: The Effects on Gut Microbial Modulation and Activity, Histological Parameters, and Growth Performance of Broiler Chickens. <i>Animals</i> , 2020 , 10,	3.1	13
55	Assessing the possibility of genetically modified DNA transfer from GM feed to broiler, laying hen, pig and calf tissues. <i>Polish Journal of Veterinary Sciences</i> , 2013 , 16, 435-41	0.7	13
54	Prebiotic fructans and organic acids as feed additives improving mineral availability. <i>World's Poultry Science Journal</i> , 2012 , 68, 269-279	3	13
53	Efficacy of different levels of a cholecalciferol 25-OH-derivative in diets with two limestone forms in laying hen nutrition. <i>Journal of Animal and Feed Sciences</i> , 2005 , 14, 305-315	1.5	13

52	The Efficiency of Xylanase in Broiler Chickens Fed with Increasing Dietary Levels of Rye. <i>Animals</i> , 2019 , 9,	3.1	12
51	Bioavailability of methionine hydroxy analog-free acid relative to DL-methionine in broilers. <i>Animal Science Journal</i> , 2006 , 77, 427-439	1.8	12
50	The effect of increased crude protein level and/or dietary supplementation with herbal extract blend on the performance of chickens vaccinated against coccidiosis. <i>Animal Feed Science and Technology</i> , 2017 , 229, 65-72	3	11
49	Comparison of the physicochemical and sensory characteristics of Rhode Island Red (R-11) capons and cockerels. <i>Annals of Animal Science</i> , 2017 , 17, 903-917	2	11
48	The physiological response of broiler chickens to the dietary supplementation of the bacteriocin nisin and ionophore coccidiostats. <i>Poultry Science</i> , 2017 , 96, 4026-4037	3.9	11
47	Dietary factors improving eggshell quality: an updated review with special emphasis on microelements and feed additives. <i>World's Poultry Science Journal</i> , 2015 , 71, 83-94	3	11
46	Bone quality characteristics and performance in broiler chickens fed diets supplemented with organic acids. <i>Czech Journal of Animal Science</i> , 2012 , 57, 193-205	1.1	11
45	Efficacy of dietary vitamin D and its metabolites in poultry - review and implications of the recent studies. <i>World's Poultry Science Journal</i> , 2017 , 73, 57-68	3	10
44	Nutrition as a modulatory factor of the efficacy of live anticoccidial vaccines in broiler chickens. <i>World's Poultry Science Journal</i> , 2014 , 70, 81-92	3	10
43	Histopathology of Internal Organs of Farm Animals Fed Genetically Modified Corn and Soybean Meal. <i>Bulletin of the Veterinary Institute in Pulawy = Biuletyn Instytutu Weterynarii W Pulawach</i> , 2012 , 56, 617-622		10
42	Effect of different phytases on the performance, nutrient retention and tibia composition in broiler chickens. <i>Archives Animal Breeding</i> , 2013 , 56, 1028-1038	1.6	10
41	Effect of dietary level of maize- and rye distiller dried grains with solubles on nutrient utilization and digesta viscosity in laying hens. <i>Journal of Animal and Feed Sciences</i> , 2007 , 16, 668-677	1.5	10
40	Algal Oil as Source of Polyunsaturated Fatty Acids in Laying Hens Nutrition: Effect on Egg Performance, Egg Quality Indices and Fatty Acid Composition of Egg Yolk Lipids. <i>Annals of Animal Science</i> , 2020 , 20, 961-973	2	9
39	Bone quality, selected blood variables and mineral retention in laying hens fed with different dietary concentrations and sources of calcium. <i>Livestock Science</i> , 2015 , 181, 194-199	1.7	8
38	The effect of different dietary potassium and chloride levels on performance and excreta dry matter in broiler chickens. <i>Czech Journal of Animal Science</i> , 2011 , 56, 53-60	1.1	8
37	Effect of Dietary Crude Protein Level and Supplemental Herbal Extract Blend on Selected Blood Variables in Broiler Chickens Vaccinated against Coccidiosis. <i>Animals</i> , 2018 , 8,	3.1	8
36	The efficacy of selected feed additives in the prevention of broiler chicken coccidiosis under natural exposure to <i>Eimeria</i> spp. <i>Annals of Animal Science</i> , 2015 , 15, 725-735	2	7
35	Effect of a Diet Composed of Genetically Modified Feed Components on the Selected Immune Parameters in Pigs, Cattle, and Poultry. <i>Bulletin of the Veterinary Institute in Pulawy = Biuletyn Instytutu Weterynarii W Pulawach</i> , 2013 , 57, 209-217		7

34	Effects of phytase B on laying performance, eggshell quality and on phosphorus and calcium balance in laying hens fed phosphorus-deficient maize-soybean meal diets. <i>Czech Journal of Animal Science</i> , 2011 , 56, 406-413	1.1	7
33	The influence of dietary fish oil and vitamin E on the fatty acid profile and oxidative stability of frozen stored chicken breast meat. <i>Journal of Animal and Feed Sciences</i> , 2006 , 15, 631-640	1.5	7
32	The influence of selected feed additives on mineral utilisation and bone characteristics in laying hens. <i>Annals of Animal Science</i> , 2018 , 18, 781-793	2	7
31	Effect of selected feed additives on egg performance and eggshell quality in laying hens fed a diet with standard or decreased calcium content. <i>Annals of Animal Science</i> , 2018 , 18, 167-183	2	7
30	The effect of different dietary levels of hybrid rye and xylanase addition on the performance and egg quality in laying hens. <i>British Poultry Science</i> , 2019 , 60, 423-430	1.9	6
29	Efficacy of different limestone particle size and 25-hydroxycholecalciferol in broiler diets. <i>Journal of Animal and Feed Sciences</i> , 2005 , 14, 705-714	1.5	6
28	Effect of Soybean Meal Substitution by Raw Chickpea Seeds on Thermal Properties and Fatty Acid Composition of Subcutaneous Fat Tissue of Broiler Chickens. <i>Animals</i> , 2020 , 10,	3.1	5
27	Freshwater turtle nutrition – a review of scientific and practical knowledge. <i>Annals of Animal Science</i> , 2018 , 18, 17-37	2	5
26	Prospects for the use of genetically modified crops with improved nutritional properties as feed materials in poultry nutrition. <i>World's Poultry Science Journal</i> , 2011 , 67, 631-642	3	5
25	Laying performance and nitrogen balance in hens fed organic diets with different energy and methionine levels. <i>Journal of Animal and Feed Sciences</i> , 2009 , 18, 305-312	1.5	5
24	Effect of outdoor access and increased amounts of local feed materials in the diets of hens covered by the gene-pool protection programme for farm animals in Poland on quality of eggs during peak egg production / Wpływ dostępu do wybiegu i zwiększonego udziału krajowych komponentów paszowych w żywieniu rodni kur objętych programem ochrony na jakości jaj w szczycie nieboji.	2	5
23	Results of a 16-week Safety Assurance Study with Rats Fed Genetically Modified Bt Maize: Effect on Growth and Health Parameters. <i>Journal of Veterinary Research (Poland)</i> , 2018 , 62, 555-561	1.8	5
22	The use of genetic engineering techniques to improve the lipid composition in meat, milk and fish products: a review. <i>Animal</i> , 2015 , 9, 696-706	3.1	4
21	Performance and Egg Quality of Hens from Conservation Flocks Fed a Diet Containing Maize Distillers Dried Grains with Solubles (DDGS). <i>Annals of Animal Science</i> , 2012 , 12, 247-260	2	4
20	Cultural and practical aspects of halal slaughtering in food production. <i>Medycyna Weterynaryjna</i> , 2018 , 74, 6023-2018	1.4	4
19	The effect of supplemental vitamin E and dietary rape seed oil level on broiler performance, meat and fat quality. <i>Journal of Animal and Feed Sciences</i> , 2003 , 12, 121-132	1.5	4
18	Lipid fatty acid composition and oxidative susceptibility in eggs of hens fed a fish fat diet supplemented with vitamin E, C, or synthetic antioxidant. <i>Journal of Animal and Feed Sciences</i> , 2003 , 12, 561-572	1.5	4
17	The Effect of Dietary Rye Inclusion and Xylanase Supplementation on Structural Organization of Bone Constitutive Phases in Laying Hens Fed a Wheat-Corn Diet. <i>Animals</i> , 2020 , 10,	3.1	4

16	Analysis of mechanical properties of bones and tendons shows that modern hybrid rye can be introduced to corn-wheat based diet in broiler chickens as an alternative energy source irrespective of xylanase supplementation. <i>Poultry Science</i> , 2019 , 98, 5613-5621	3.9	3
15	Meat quality of poulards obtained from three conserved breeds of hens. <i>Annals of Animal Science</i> , 2018 , 18, 261-280	2	3
14	Effect of prebiotic fructans and organic acids on mineral retention in laying hens. <i>Acta Agriculturae Scandinavica - Section A: Animal Science</i> , 2010 , 60, 125-128	0.6	3
13	Egg performance, egg quality, and nutrient utilization in laying hens fed diets with different levels of rapeseed expeller cake. <i>Agricultural and Food Science</i> , 2010 , 19, 233	2	3
12	Apparent and standardised ileal digestibility of amino acids in wheat, triticale and barley for broiler chickens at two different ages. <i>British Poultry Science</i> , 2020 , 61, 63-69	1.9	3
11	Alpha-Ketoglutarate: An Effective Feed Supplement in Improving Bone Metabolism and Muscle Quality of Laying Hens: A Preliminary Study. <i>Animals</i> , 2020 , 10,	3.1	2
10	Effect of fish oil and vitamin E in the diet on the fatty acid composition of breast meat in broiler chickens. <i>Journal of Animal and Feed Sciences</i> , 2005 , 14, 459-462	1.5	2
9	The effects of particulate limestone and 25-hydroxy-cholecalciferol in broiler chicken diets on the mechanical properties of bones. <i>Journal of Animal and Feed Sciences</i> , 2005 , 14, 495-498	1.5	2
8	Effects of Caponization on Growth Performance and Meat Physicochemical Properties of Crossbred Chickens. <i>Annals of Animal Science</i> , 2020 , 20, 1509-1525	2	2
7	Modern Hybrid Rye, as an Alternative Energy Source for Broiler Chickens, Improves the Absorption Surface of the Small Intestine Depending on the Intestinal Part and Xylanase Supplementation. <i>Animals</i> , 2021 , 11,	3.1	2
6	The Effect of Slaughter Age and the Diet in the Final Growth Phase of Poulards on Productivity and Meat Quality. <i>Annals of Animal Science</i> , 2019 , 19, 499-516	2	1
5	Cholesterol Content, Fatty Acid Profile and Health Lipid Indices in the Egg Yolk of Eggs from Hens at the End of the Laying Cycle, Following Alpha-Ketoglutarate Supplementation. <i>Foods</i> , 2021 , 10,	4.9	1
4	Simultaneous application of phytase and xylanase to broiler feeds based on wheat: in vitro measurements of phosphorus and pentose release from wheats and wheat-based feeds 1999 , 79, 1832		1
3	Structural Changes in Trabecular Bone, Cortical Bone and Hyaline Cartilage as Well as Disturbances in Bone Metabolism and Mineralization in an Animal Model of Secondary Osteoporosis in Infection.. <i>Journal of Clinical Medicine</i> , 2021 , 11,	5.1	1
2	The Influence of a Diet Supplemented with 20% Rye and Xylanase in Different Housing Systems on the Occurrence of Pathogenic Bacteria in Broiler Chickens. <i>Annals of Animal Science</i> , 2021 , 21, 1455-1473 ²		0
1	Exogenous fibrolytic enzymes improve carbohydrate digestion in exercising horses. <i>Journal of Animal and Feed Sciences</i> , 2020 , 29, 35-45	1.5	