

Kenneth Anderson

List of Publications by Year in descending order

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112
papers

2,314
citations

201385

27
h-index

276539

41
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113
all docs

113
docs citations

113
times ranked

1602
citing authors

#	ARTICLE	IF	CITATIONS
1	Duodenal Calcium Uptake, Femur Ash, and Eggshell Quality Decline with Age and Increase Following Molt. <i>Poultry Science</i> , 1994, 73, 1590-1596.	1.5	123
2	The effects of long-term caging and molt of Single Comb White Leghorn hens on heterophil to lymphocyte ratios, corticosterone and thyroid hormones. <i>Poultry Science</i> , 2000, 79, 514-518.	1.5	99
3	Shell Characteristics of Eggs from Historic Strains of Single Comb White Leghorn Chickens and the Relationship of Egg Shape to Shell Strength. <i>International Journal of Poultry Science</i> , 2003, 3, 17-19.	0.6	93
4	Ovarian Adenocarcinomas in the Laying Hen and Women Share Similar Alterations in p53, ras, and HER-2/neu. <i>Cancer Prevention Research</i> , 2009, 2, 114-121.	0.7	76
5	Prevalence of coliforms, Salmonella, Listeria, and Campylobacter associated with eggs and the environment of conventional cage and free-range egg production. <i>Poultry Science</i> , 2012, 91, 1195-1202.	1.5	72
6	Comparison of fatty acid, cholesterol, and vitamin A and E composition in eggs from hens housed in conventional cage and range production facilities. <i>Poultry Science</i> , 2011, 90, 1600-1608.	1.5	64
7	Salmonella Populations and Prevalence in Layer Feces from Commercial High-Rise Houses and Characterization of the Salmonella Isolates by Serotyping, Antibiotic Resistance Analysis, and Pulsed Field Gel Electrophoresis. <i>Poultry Science</i> , 2007, 86, 591-597.	1.5	54
8	CA125 expression in spontaneous ovarian adenocarcinomas from laying hens. <i>Gynecologic Oncology</i> , 2007, 104, 192-198.	0.6	54
9	Microbial contamination in inoculated shell eggs: I. Effects of layer strain and hen age. <i>Poultry Science</i> , 2002, 81, 715-720.	1.5	53
10	Effect of testing temperature on internal egg quality measurements. <i>Poultry Science</i> , 2006, 85, 550-555.	1.5	50
11	Effects of Bird Age, Density, and Molt on Behavioral Profiles of Two Commercial Layer Strains in Cages. <i>Poultry Science</i> , 2004, 83, 15-23.	1.5	49
12	Duckweed as a Feed Ingredient in Laying Hen Diets and its Effect on Egg Production and Composition. <i>International Journal of Poultry Science</i> , 2010, 10, 4-7.	0.6	48
13	Egg Marketing in National Supermarkets: Specialty Eggs—Part 2. <i>Poultry Science</i> , 2001, 80, 390-395.	1.5	47
14	Effects of cryogenic cooling of shell eggs on egg quality. <i>Poultry Science</i> , 2002, 81, 727-733.	1.5	46
15	Cryogenic Gas for Rapid Cooling of Commercially Processed Shell Eggs Before Packaging. <i>Journal of Food Protection</i> , 1995, 58, 389-394.	0.8	45
16	Liming Poultry Manures to Decrease Soluble Phosphorus and Suppress the Bacteria Population. <i>Journal of Environmental Quality</i> , 2006, 35, 849-857.	1.0	43
17	Comparison of physical quality and composition of eggs from historic strains of single comb White Leghorn chickens. <i>Poultry Science</i> , 1999, 78, 591-594.	1.5	39
18	The effects of feeding the direct-fed microbial, primalac, on growth parameters and egg production in single comb white leghorn hens. <i>Poultry Science</i> , 2002, 81, 755-759.	1.5	38

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19	Colonization of internal organs by <i>Salmonella</i> Enteritidis in experimentally infected laying hens housed in conventional or enriched cages. <i>Poultry Science</i> , 2013, 92, 468-473.	1.5	36
20	Comparisons of bone properties and keel deformities between strains and housing systems in end-of-lay hens. <i>Poultry Science</i> , 2016, 95, 2225-2234.	1.5	35
21	Physical quality and composition of retail shell eggs. <i>Poultry Science</i> , 2010, 89, 582-587.	1.5	33
22	Internal and External Bacterial Counts from Shells of Eggs Washed in a Commercial-Type Processor at Various Wash-Water Temperatures. <i>Journal of Food Protection</i> , 1997, 60, 1324-1328.	0.8	32
23	Contamination of eggs by <i>Salmonella</i> Enteritidis in experimentally infected laying hens housed in conventional or enriched cages. <i>Poultry Science</i> , 2014, 93, 728-733.	1.5	32
24	Effect of Extrusion on Feed Characteristics and Broiler Chicken Performance. <i>Journal of Applied Poultry Research</i> , 1995, 4, 300-309.	0.6	31
25	Effects of Cage Population on the Productive Performance of Layers. <i>Poultry Science</i> , 1995, 74, 633-637.	1.5	30
26	Molting Layersâ€™ Alternative Methods and Their Effectiveness. <i>Poultry Science</i> , 2007, 86, 1260-1264.	1.5	30
27	Overview of natural and organic egg production: Looking back to the future. <i>Journal of Applied Poultry Research</i> , 2009, 18, 348-354.	0.6	28
28	The Influence of Rapid Air Cooling and Carbon Dioxide Cooling and Subsequent Storage in Air and Carbon Dioxide on Shell Egg Quality. <i>Poultry Science</i> , 2000, 79, 1067-1071.	1.5	27
29	Comparison of environmental and egg microbiology associated with conventional and free-range laying hen management. <i>Poultry Science</i> , 2011, 90, 2063-2068.	1.5	27
30	Measuring the intra-individual variability of the plasma proteome in the chicken model of spontaneous ovarian adenocarcinoma. <i>Analytical and Bioanalytical Chemistry</i> , 2010, 398, 737-749.	1.9	25
31	The effects of commercial cool water washing of shell eggs on Haugh unit, vitelline membrane strength, aerobic microorganisms, and fungi. <i>Poultry Science</i> , 2010, 89, 160-168.	1.5	25
32	Egg Marketing in National Supermarkets: Egg Qualityâ€™Part 1. <i>Poultry Science</i> , 2001, 80, 383-389.	1.5	24
33	The Effects of Different Beak Trimming Techniques on Plasma Corticosterone and Performance Criteria in Single Comb White Leghorn Hens. <i>Poultry Science</i> , 2004, 83, 1624-1628.	1.5	24
34	Housing system and laying hen strain impacts on egg microbiology. <i>Poultry Science</i> , 2013, 92, 2221-2225.	1.5	23
35	The Effects of Genetic Selection on Production Parameters of Single Comb White Leghorn Hens. <i>Poultry Science</i> , 2001, 80, 1139-1143.	1.5	22
36	Changes in commercial laying stock performance, 1958â€™2011: thirty-seven flocks of the North Carolina random sample and subsequent layer performance and management tests. <i>World's Poultry Science Journal</i> , 2013, 69, 489-514.	1.4	22

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37	Horizontal transmission of Salmonella Enteritidis in experimentally infected laying hens housed in conventional or enriched cages. Poultry Science, 2014, 93, 3145-3151.	1.5	22
38	Effects of Rearing Density and Feeder and Waterer Spaces on the Productivity and Fearful Behavior of Layers. Poultry Science, 1992, 71, 53-58.	1.5	21
39	Effects of Cage Versus Floor Rearing Environments and Cage Floor Mesh Size on Bone Strength, Fearfulness, and Production of Single Comb White Leghorn Hens ,. Poultry Science, 1994, 73, 1233-1240.	1.5	21
40	Survey of Shell Egg Processing Plant Sanitation Programs: Effects on Egg Contact Surfaces. Journal of Food Protection, 2003, 66, 1486-1489.	0.8	21
41	Contamination of eggs by Salmonella Enteritidis in experimentally infected laying hens of four commercial genetic lines in conventional cages and enriched colony housing. Poultry Science, 2019, 98, 5023-5027.	1.5	21
42	Persistence of fecal shedding of Salmonella Enteritidis by experimentally infected laying hens housed in conventional or enriched cages. Poultry Science, 2015, 94, 1650-1656.	1.5	20
43	Colonization of internal organs by Salmonella Enteritidis in experimentally infected laying hens housed in enriched colony cages at different stocking densities. Poultry Science, 2016, 95, 1363-1369.	1.5	20
44	Frequency and Duration of Fecal Shedding of Salmonella Enteritidis by Experimentally Infected Laying Hens Housed in Enriched Colony Cages at Different Stocking Densities. Frontiers in Veterinary Science, 2017, 4, 47.	0.9	20
45	Effects of Strain and Rearing Dietary Regimens on Brown-Egg Pullet Growth and Strain, Rearing Dietary Regimens, Density, and Feeder Space Effects on Subsequent Laying Performance. Poultry Science, 1995, 74, 1079-1092.	1.5	19
46	Comparison of fatty acid, cholesterol, vitamin A and E composition, and trans fats in eggs from brown and white egg strains that were molted or nonmolted. Poultry Science, 2013, 92, 3259-3265.	1.5	19
47	Feeding high-oleic peanuts to layer hens enhances egg yolk color and oleic fatty acid content in shell eggs. Poultry Science, 2019, 98, 1732-1748.	1.5	19
48	Behavioral Adaptation of Floor-Reared White Leghorn Pullets to Different Cage Densities and Cage Shapes During the Initial Settling-in Period. Poultry Science, 1989, 68, 70-78.	1.5	18
49	Survey of Shell Egg Processing Plant Sanitation Programs: Effects on Non-“Egg-Contact Surfaces. Journal of Food Protection, 2004, 67, 2801-2804.	0.8	18
50	Comparison of gene expression patterns between avian and human ovarian cancers. Gynecologic Oncology, 2011, 120, 256-264.	0.6	18
51	Reduction of Ovarian and Oviductal Cancers in Calorie-Restricted Laying Chickens. Cancer Prevention Research, 2011, 4, 562-567.	0.7	18
52	A comparative examination of rearing parameters and layer production performance for brown egg-type pullets grown for either free-range or cage production. Journal of Applied Poultry Research, 2012, 21, 95-102.	0.6	18
53	Egg Marketing in National Supermarkets: Products, Packaging, and Prices-“Part 3. Poultry Science, 2001, 80, 396-400.	1.5	16
54	Laying hens in the U.S. market: An appraisal of trends from the beginning of the 20th century to present. Journal of Applied Poultry Research, 2019, 28, 771-784.	0.6	16

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55	Microbial Contamination in Inoculated Shell Eggs: II. Effects of Layer Strain and Egg Storage. <i>Poultry Science</i> , 2004, 83, 95-100.	1.5	15
56	The Effect of Quicklime (CaO) on Litter Condition and Broiler Performance. <i>Poultry Science</i> , 2008, 87, 823-827.	1.5	15
57	Mineral content of eggs differs with hen strain, age, and rearing environment. <i>Poultry Science</i> , 2018, 97, 1605-1613.	1.5	15
58	Effects of Type of Cage Partition, Cage Shape, and Bird Density on Productivity and Well-Being of Layers. <i>Poultry Science</i> , 1986, 65, 2023-2028.	1.5	14
59	Effects of Floor Versus Cage Rearing and Feeder Space on Growth, Long Bone Development, and Duration of Tonic Immobility in Single Comb White Leghorn Pullets. <i>Poultry Science</i> , 1994, 73, 958-964.	1.5	14
60	Effects of Alternative Molting Programs and Population on Layer Performance: Results of the Thirty-Fifth North Carolina Layer Performance and Management Test. <i>Journal of Applied Poultry Research</i> , 2007, 16, 365-380.	0.6	14
61	Evidence of a Chemopreventive Effect of Progesterin Unrelated to Ovulation on Reproductive Tract Cancers in the Egg-laying Hen. <i>Cancer Prevention Research</i> , 2013, 6, 1283-1292.	0.7	14
62	Colonization of internal organs by <i>Salmonella</i> Enteritidis in experimentally infected laying hens of four commercial genetic lines in conventional cages and enriched colony housing. <i>Poultry Science</i> , 2019, 98, 1785-1790.	1.5	14
63	Effects of Type of Cage Front and Feed Trough Partitions on Productivity and Ingestive, Agonistic, and Fearful Behaviors of Egg-Type Hens. <i>Poultry Science</i> , 1991, 70, 770-775.	1.5	12
64	Research Note: Horizontal transmission and internal organ colonization by <i>Salmonella</i> Enteritidis and <i>Salmonella</i> Kentucky in experimentally infected laying hens in indoor cage-free housing. <i>Poultry Science</i> , 2020, 99, 6071-6074.	1.5	12
65	Formulation challenges of organic poultry diets with readily available ingredients and limited synthetic methionine. <i>Journal of Applied Poultry Research</i> , 2016, 25, 443-454.	0.6	11
66	An appraisal of moulting on post-moult egg production and egg weight distribution in white layer hens; meta-analysis. <i>British Poultry Science</i> , 2018, 59, 278-285.	0.8	10
67	Crop Immune Response Post- <i>Salmonella</i> Enteritidis Challenge in Eight Commercial Egg-Layer Strains and Specific-Pathogen-Free White Leghorn Chickens. <i>Avian Diseases</i> , 2008, 52, 79-87.	0.4	9
68	Temperature Sequence of Eggs from Oviposition Through Distribution: Transportation-Part 3. <i>Poultry Science</i> , 2008, 87, 1195-1201.	1.5	9
69	Temperature Sequence of Eggs from Oviposition Through Distribution: Production-Part 1. <i>Poultry Science</i> , 2008, 87, 1182-1186.	1.5	9
70	Effect of genetic selection on growth parameters and tonic immobility in Leghorn pullets. <i>Poultry Science</i> , 2012, 91, 765-770.	1.5	9
71	Colonization of internal organs by <i>Salmonella</i> serovars Heidelberg and Typhimurium in experimentally infected laying hens housed in enriched colony cages at different stocking densities. <i>Poultry Science</i> , 2017, 96, 1402-1409.	1.5	9
72	Research Note: Contamination of eggs by <i>Salmonella</i> Enteritidis and <i>Salmonella</i> Typhimurium in experimentally infected laying hens in indoor cage-free housing. <i>Poultry Science</i> , 2021, 100, 101438.	1.5	9

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73	Gas exchange into shell eggs from cryogenic cooling. Poultry Science, 2000, 79, 275-280.	1.5	8
74	Frequency and Duration of Fecal Shedding of <i>Salmonella</i> Serovars Heidelberg and Typhimurium by Experimentally Infected Laying Hens Housed in Enriched Colony Cages at Different Stocking Densities. Avian Diseases, 2017, 61, 366-371.	0.4	8
75	In vitro penetration of <i>Salmonella</i> Enteritidis through yolk membranes of eggs from 6 genetically distinct commercial lines of laying hens. Poultry Science, 2010, 89, 1732-1736.	1.5	7
76	Epithelial Cell Tumors of the Hen Reproductive Tract. Avian Diseases, 2014, 58, 95-101.	0.4	7
77	Time study examining the effect of range, cage-free, and cage environments on man-hours committed to bird care in 3 brown egg layer strains. Journal of Applied Poultry Research, 2014, 23, 108-115.	0.6	7
78	Examination of the impact of range, cage-free, modified systems, and conventional cage environments on the labor inputs committed to bird care for three brown egg layer strains. Journal of Applied Poultry Research, 2021, 30, 100118.	0.6	7
79	A Comparison of Humoral Immune Function in Response to a Killed Newcastleâ€™s Vaccine Challenge in Caged Vs. Free-range Hy-line Brown Layers. International Journal of Poultry Science, 2011, 10, 315-319.	0.6	7
80	Alternative ingredients for providing adequate methionine in organic poultry diets in the United States with limited synthetic amino acid use. World's Poultry Science Journal, 2015, 71, 493-504.	1.4	6
81	Research Note: Effects of Feed Trough Partitions on Productivity and Behavior of Layers. Poultry Science, 1988, 67, 1348-1351.	1.5	5
82	Mycotoxins and Feed Refusal by Pekin Ducks. Journal of Applied Poultry Research, 1994, 3, 190-192.	0.6	5
83	Realistic Views Concerning Poultry Welfare. Poultry Science, 2007, 86, 1251-1252.	1.5	5
84	Temperature Sequence of Eggs from Oviposition Through Distribution: Processingâ€™Part 2. Poultry Science, 2008, 87, 1187-1194.	1.5	5
85	Influence of hen age and strain on eggshell exterior, eggshell interior with membranes, and egg contents of microflora, and on <i>Salmonella</i> incidence during a single production cycle. Journal of Applied Poultry Research, 2009, 18, 665-670.	0.6	5
86	Chemoprevention of spontaneous ovarian cancer in the domestic hen. Poultry Science, 2017, 96, 1901-1909.	1.5	5
87	Blackhead Disease: Recovery of Layer Flock After Disease Challenge. Journal of Applied Poultry Research, 2019, 28, 755-760.	0.6	5
88	Production and Well-Being Resulting From Delayed Movement of Pullets to the Hen Facility. Journal of Applied Poultry Research, 2019, 28, 278-289.	0.6	5
89	Effects of Genetic Selection on Behavioral Profiles of Single Comb White Leghorn Hens Through Two Production Cycles. Poultry Science, 2007, 86, 1814-1820.	1.5	4
90	Influence of Hen Age and Molting Treatments on Shell Egg Exterior, Interior, and Contents Microflora and <i>Salmonella</i> Prevalence During a Second Production Cycle. Poultry Science, 2008, 87, 2146-2151.	1.5	4

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91	Economic effects of proposed changes in living conditions for laying hens under the National Organic Program. <i>Journal of Applied Poultry Research</i> , 2014, 23, 80-93.	0.6	4
92	Alternative feeding strategies and genetics for providing adequate methionine in organic poultry diets with limited use of synthetic amino acids. <i>World's Poultry Science Journal</i> , 2016, 72, 168-177.	1.4	4
93	Determination of Cooling Rates and Carbon Dioxide Uptake in Commercially Processed Shell Eggs Using Cryogenic Carbon Dioxide Gas. <i>Poultry Science</i> , 2004, 83, 89-94.	1.5	3
94	The impact of scheduled cage cleaning on older hens (<i>Gallus gallus</i>). <i>Lab Animal</i> , 2010, 39, 210-215.	0.2	3
95	Assessing the impact of egg sweating on <i>Salmonella Enteritidis</i> penetration into shell eggs. <i>Poultry Science</i> , 2017, 96, 2393-2399.	1.5	3
96	A novel non-invasive method for evaluating electroencephalograms on laying hens. <i>Poultry Science</i> , 2018, 97, 860-864.	1.5	3
97	Evaluation of Ventilation Shutdown in a Multi-level Caged System. <i>Journal of Applied Poultry Research</i> , 2018, 27, 555-563.	0.6	3
98	Potential Transfer of Peanut and/or Soy Proteins from Poultry Feed to the Meat and/or Eggs Produced. <i>ACS Omega</i> , 2020, 5, 1080-1085.	1.6	3
99	The Effect of Feeding Hens a Peanut Skin-Containing Diet on Hen Performance, and Shell Egg Quality and Lipid Chemistry. <i>Agriculture (Switzerland)</i> , 2021, 11, 894.	1.4	3
100	Impact of organic dairy cattle manure on environmental and egg microbiology of organic free-range laying hens. <i>Journal of Applied Poultry Research</i> , 2021, 30, 100189.	0.6	3
101	The effects of high-oleic peanuts as an alternate feed ingredient on performance, ileal digestibility, apparent metabolizable energy, and histology of the small intestine in laying hens. <i>Translational Animal Science</i> , 2021, 5, txab015.	0.4	3
102	Effect of Rearing Dietary Regimen, Feeder Space and Density on Egg Production, Quality and Size Distribution in Two Strains of Brown Egg Layers. <i>International Journal of Poultry Science</i> , 2011, 10, 169-175.	0.6	3
103	Proposed changes in living conditions for broilers under the National Organic Program will have limited economic effects. <i>Journal of Applied Poultry Research</i> , 2014, 23, 233-243.	0.6	2
104	Applied Research Note: Internal organ colonization and horizontal transmission of experimental <i>Salmonella Enteritidis</i> and <i>Salmonella Kentucky</i> infection in vaccinated laying hens in indoor cage-free housing. <i>Journal of Applied Poultry Research</i> , 2021, 30, 100132.	0.6	2
105	Feeding Laying Hens a Diet Containing High-Oleic Peanuts or Oleic Acid Enriches Yolk Color and Beta-Carotene While Reducing the Saturated Fatty Acid Content in Eggs. <i>Agriculture (Switzerland)</i> , 2021, 11, 771.	1.4	2
106	The Effects of Feeding a Whole-in-Shell Peanut-Containing Diet on Layer Performance and the Quality and Chemistry of Eggs Produced. <i>Agriculture (Switzerland)</i> , 2021, 11, 1176.	1.4	2
107	Influence of dietary dacitic tuff breccia on laying hen performance and egg quality parameters and bone structure at 85 weeks of age after a non-anorexic molt program at 73 to 77 weeks. <i>Poultry Science</i> , 2022, 101, 101718.	1.5	2
108	Effects of Dietary Regimens and Brown-Egg Pullet Strain on Growth and Development. <i>International Journal of Poultry Science</i> , 2010, 9, 205-211.	0.6	1

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109	Pooling of Laying Hen Environmental Swabs and Efficacy of Salmonella Detection. Journal of Food Protection, 2020, 83, 943-950.	0.8	1
110	Chickens: Layer Reproduction Management. , 2004, , 225-228.		0
111	Effect of Alternative Production and Management Environments on Layer Reproduction System Development. International Journal of Poultry Science, 2013, 12, 251-253.	0.6	0
112	Animal Welfare Regulations and Food Production. , 0, , 227-238.		0