

Rifat Ullah Khan

List of Publications by Year in descending order

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Version: 2024-02-01

110
papers

3,653
citations

136740

32
h-index

161609

54
g-index

111
all docs

111
docs citations

111
times ranked

2586
citing authors

#	ARTICLE	IF	CITATIONS
1	Multiple Beneficial Applications and Modes of Action of Herbs in Poultry Health and Production-A Review. International Journal of Pharmacology, 2015, 11, 152-176.	0.1	188
2	Medicinal and Therapeutic Potential of Herbs and Plant Metabolites / Extracts Countering Viral Pathogens - Current Knowledge and Future Prospects. Current Drug Metabolism, 2018, 19, 236-263.	0.7	168
3	Productive performance and histological features of intestinal mucosa of broiler chickens fed different dietary protein levels. Poultry Science, 2012, 91, 265-270.	1.5	161
4	Effect of ascorbic acid in heat-stressed poultry. World's Poultry Science Journal, 2012, 68, 477-490.	1.4	122
5	Effect of vitamin E in heat-stressed poultry. World's Poultry Science Journal, 2011, 67, 469-478.	1.4	104
6	The applications of probiotics in poultry production. World's Poultry Science Journal, 2013, 69, 621-632.	1.4	101
7	Effect of organic acid blend and <i>Bacillus subtilis</i> alone or in combination on growth traits, blood biochemical and antioxidant status in broilers exposed to <i>Salmonella typhimurium</i> challenge during the starter phase. Journal of Applied Animal Research, 2017, 45, 538-542.	0.4	100
8	Growth Promoters and Novel Feed Additives Improving Poultry Production and Health, Bioactive Principles and Beneficial Applications: The Trends and Advances-A Review. International Journal of Pharmacology, 2014, 10, 129-159.	0.1	95
9	Antioxidants and poultry semen quality. World's Poultry Science Journal, 2011, 67, 297-308.	1.4	91
10	Potential applications of ginger (<i>Zingiber officinale</i>) in poultry diets. World's Poultry Science Journal, 2012, 68, 245-252.	1.4	88
11	The use of Turmeric (<i>Curcuma longa</i>) in poultry feed. World's Poultry Science Journal, 2012, 68, 97-103.	1.4	86
12	Performance traits and immune response of broiler chicks treated with zinc and ascorbic acid supplementation during cyclic heat stress. International Journal of Biometeorology, 2014, 58, 2153-2157.	1.3	86
13	The effect of phytogenics on growth traits, blood biochemical and intestinal histology in broiler chickens exposed to <i>Clostridium perfringens</i> challenge. Journal of Applied Animal Research, 2018, 46, 691-695.	0.4	81
14	<i>Thymus vulgaris</i> : alternative to antibiotics in poultry feed. World's Poultry Science Journal, 2012, 68, 401-408.	1.4	78
15	The uses of microbial phytase as a feed additive in poultry nutrition – a review. Annals of Animal Science, 2018, 18, 639-658.	0.6	66
16	Direct-Fed Microbial: Beneficial Applications, Modes of Action and Prospects as a Safe Tool for Enhancing Ruminant Production and Safeguarding Health. International Journal of Pharmacology, 2016, 12, 220-231.	0.1	64
17	Effect of feeding dried sweet orange (<i>Citrus sinensis</i>) peel and lemon grass (<i>Cymbopogon citratus</i>) leaves on growth performance, carcass traits, serum metabolites and antioxidant status in broiler during the finisher phase. Environmental Science and Pollution Research, 2016, 23, 17077-17082.	2.7	63
18	Anticoccidial effect of garlic (<i>Allium sativum</i>) and ginger (<i>Zingiber officinale</i>) against experimentally induced coccidiosis in broiler chickens. Journal of Applied Animal Research, 2019, 47, 79-84.	0.4	63

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19	The effect of phytogetic feed additives to substitute in-feed antibiotics on growth traits and blood biochemical parameters in broiler chicks challenged with <i>Salmonella typhimurium</i> . <i>Environmental Science and Pollution Research</i> , 2016, 23, 24151-24157.	2.7	61
20	Anticoccidial effect of mananoligosaccharide against experimentally induced coccidiosis in broiler. <i>Environmental Science and Pollution Research</i> , 2016, 23, 14414-14421.	2.7	59
21	Effect of Reducing Dietary Protein Level on Performance Responses and some Microbiological Aspects of Broiler Chickens under Summer Environmental Conditions. <i>Avian Biology Research</i> , 2012, 5, 88-92.	0.4	58
22	Evaluating the nutritive profile of three insect meals and their effects to replace soya bean in broiler diet. <i>Journal of Animal Physiology and Animal Nutrition</i> , 2018, 102, e662-e668.	1.0	55
23	Toxic effect of some heavy metals on hematology and histopathology of major carp (<i>Catla catla</i>). <i>Environmental Science and Pollution Research</i> , 2021, 28, 6533-6539.	2.7	54
24	Chromium: Pharmacological Applications in Heat-Stressed Poultry. <i>International Journal of Pharmacology</i> , 2014, 10, 213-217.	0.1	54
25	Antiparasitic effect of wild rue (<i>Peganum harmala</i> L.) against experimentally induced coccidiosis in broiler chicks. <i>Parasitology Research</i> , 2014, 113, 2951-2960.	0.6	49
26	Ameliorative effect of synthetic γ -aminobutyric acid (GABA) on performance traits, antioxidant status and immune response in broiler exposed to cyclic heat stress. <i>Environmental Science and Pollution Research</i> , 2016, 23, 23930-23935.	2.7	49
27	Influence of Dietary Zinc on Semen Traits and Seminal Plasma Antioxidant Enzymes and Trace Minerals of <i>Bos taurus</i> Bucks. <i>Reproduction in Domestic Animals</i> , 2014, 49, 1004-1007.	0.6	42
28	The effect of vitamin E, l-carnitine, and ginger on production traits, immune response, and antioxidant status in two broiler strains exposed to chronic heat stress. <i>Environmental Science and Pollution Research</i> , 2017, 24, 26851-26857.	2.7	40
29	Evaluating the suitability of field beans as a substitute for soybean meal in early lactating dairy cow: Production and metabolic responses. <i>Animal Science Journal</i> , 2012, 83, 136-140.	0.6	38
30	Improving the fatty acid profile in egg yolk through the use of hempseed (<i>Cannabis sativa</i>) and (<i>Curcuma longa</i>) in the diet of Hy-Line White Leghorns. <i>Archives Animal Breeding</i> , 2016, 59, 183-190.	0.5	38
31	Immunomodulating effects of vitamin E in broilers. <i>World's Poultry Science Journal</i> , 2012, 68, 31-40.	1.4	37
32	Effect of vitamins, probiotics and protein on semen traits in post-molt male broiler breeders. <i>Animal Reproduction Science</i> , 2012, 135, 85-90.	0.5	37
33	Evaluating the suitability of maggot meal as a partial substitute of soya bean on the productive traits, digestibility indices and organoleptic properties of broiler meat. <i>Journal of Animal Physiology and Animal Nutrition</i> , 2016, 100, 649-656.	1.0	36
34	Prospects of organic acids as safe alternative to antibiotics in broiler chickens diet. <i>Environmental Science and Pollution Research</i> , 2022, 29, 32594-32604.	2.7	35
35	In vivo effects of <i>Allium cepa</i> L. on the selected gut microflora and intestinal histomorphology in broiler. <i>Acta Histochemica</i> , 2017, 119, 446-450.	0.9	34
36	Effect of ginger (<i>Zingiber officinale</i> Roscoe) and organic selenium on growth dynamics, blood melanodialdehyde and paraoxonase in broilers exposed to heat stress. <i>Journal of Applied Animal Research</i> , 2019, 47, 212-216.	0.4	34

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37	Effect of diet supplemented with coconut essential oil on performance and villus histomorphology in broiler exposed to avian coccidiosis. <i>Tropical Animal Health and Production</i> , 2020, 52, 2499-2504.	0.5	32
38	Effect of Dietary Supplementation of Zinc and Multi-Microbe Probiotic on Growth Traits and Alteration of Intestinal Architecture in Broiler. <i>Probiotics and Antimicrobial Proteins</i> , 2019, 11, 931-937.	1.9	31
39	Protective Effect of Grape (<i>Vitis vinifera</i>) Seed Powder and Zinc-Glycine Complex on Growth Traits and Gut Health of Broilers Following <i>Eimeria tenella</i> Challenge. <i>Antibiotics</i> , 2021, 10, 186.	1.5	28
40	Serum antioxidants and trace minerals as influenced by vitamins, probiotics and proteins in broiler breeders. <i>Journal of Applied Animal Research</i> , 2014, 42, 249-255.	0.4	26
41	Single or Combined Applications of Zinc and Multi-strain Probiotic on Intestinal Histomorphology of Broilers Under Cyclic Heat Stress. <i>Probiotics and Antimicrobial Proteins</i> , 2020, 12, 473-480.	1.9	26
42	Physiological dynamics in broiler chickens under heat stress and possible mitigation strategies. <i>Animal Biotechnology</i> , 2023, 34, 438-447.	0.7	26
43	Dietary supplementation of milk thistle (<i>Silybum marianum</i>): growth performance, oxidative stress, and immune response in natural summer stressed broilers. <i>Tropical Animal Health and Production</i> , 2020, 52, 711-715.	0.5	25
44	Modes of Action and Beneficial Applications of Chromium in Poultry Nutrition, Production and Health: A Review. <i>International Journal of Pharmacology</i> , 2014, 10, 357-367.	0.1	25
45	Potential Applications of <i>Moringa oleifera</i> in Poultry Health and Production as Alternative to Antibiotics: A Review. <i>Antibiotics</i> , 2021, 10, 1540.	1.5	25
46	Effects of Vitamins, Probiotics, and Protein Level on Semen Traits and Some Seminal Plasma Macro- and Microminerals of Male Broiler Breeders After Zinc-Induced Molting. <i>Biological Trace Element Research</i> , 2012, 148, 44-52.	1.9	24
47	Effect of alfalfa hay on growth performance, carcass characteristics, and meat quality of growing lambs with ad libitum access to total mixed rations. <i>Revista Brasileira De Zootecnia</i> , 2016, 45, 302-308.	0.3	24
48	Blood biochemical profile of four fast-growing broiler strains under high ambient temperature. <i>Applied Biological Chemistry</i> , 2018, 61, 273-279.	0.7	24
49	Towards a better understanding of the therapeutic applications and corresponding mechanisms of action of honey. <i>Environmental Science and Pollution Research</i> , 2017, 24, 27755-27766.	2.7	23
50	Alternations in Cholesterol and Fatty Acids Composition in Egg Yolk of Rhode Island Red x Fyoumi Hens Fed with Hemp Seeds (<i>Cannabis sativa</i> L.). <i>Journal of Chemistry</i> , 2015, 2015, 1-6.	0.9	22
51	Perspective, Opportunities and Challenges in Using Fennel (<i>Foeniculum vulgare</i>) in Poultry Health and Production as an Eco-Friendly Alternative to Antibiotics: A Review. <i>Antibiotics</i> , 2022, 11, 278.	1.5	22
52	Effect of vitamins, protein level and probiotics on immune response of moulted male broiler breeders. <i>Journal of Animal Physiology and Animal Nutrition</i> , 2014, 98, 620-627.	1.0	21
53	Protective effect of <i>Aloe vera</i> on growth performance, leucocyte count and intestinal injury in broiler chicken infected with coccidiosis. <i>Journal of Applied Animal Research</i> , 2020, 48, 252-256.	0.4	21
54	A survey of mycotoxin contamination and chemical composition of distiller's dried grains with solubles (DDGS) imported from the USA into Saudi Arabia. <i>Environmental Science and Pollution Research</i> , 2017, 24, 15401-15405.	2.7	20

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55	Zinc source modulates zootechnical characteristics, intestinal features, humoral response, and paraoxonase (PON1) activity in broilers. <i>Tropical Animal Health and Production</i> , 2020, 52, 511-515.	0.5	20
56	Selected herbal plants showing enhanced growth performance, ileal digestibility, bone strength and blood metabolites in broilers. <i>Journal of Applied Animal Research</i> , 2020, 48, 448-453.	0.4	20
57	Zinc-induced moulting: production and physiology. <i>World's Poultry Science Journal</i> , 2011, 67, 497-506.	1.4	19
58	Semen Traits and Seminal Plasma Biochemical Parameters in White Leghorn Layer Breeders. <i>Reproduction in Domestic Animals</i> , 2012, 47, 190-195.	0.6	19
59	Characteristics of rumen in Naemi lamb: Morphological changes in response to altered feeding regimen. <i>Acta Histochemica</i> , 2016, 118, 331-337.	0.9	19
60	Vitamin and trace element supplementation in grazing dairy ewe during the dry season: effect on milk yield, composition, and clotting aptitude. <i>Tropical Animal Health and Production</i> , 2011, 43, 955-960.	0.5	18
61	Effect of different levels of alpha tocopherol on performance traits, serum antioxidant enzymes, and trace elements in Japanese quail (<i>Coturnix coturnix japonica</i>) under low ambient temperature. <i>Revista Brasileira De Zootecnia</i> , 2016, 45, 622-626.	0.3	18
62	Protective effect of <i>Nigella sativa</i> and <i>Saccharomyces cerevisiae</i> on zootechnical characteristics, fecal <i>Escherichia coli</i> and hematopoietic potential in broiler infected with experimental <i>Colibacillosis</i> . <i>Livestock Science</i> , 2020, 239, 104119.	0.6	17
63	Interactive effect of exogenous protease enzyme and dietary crude protein levels on growth and digestibility indices in broiler chickens during the starter phase. <i>Tropical Animal Health and Production</i> , 2021, 53, 23.	0.5	17
64	Impact of Microbial Protease Enzyme and Dietary Crude Protein Levels on Growth and Nutrients Digestibility in Broilers over 15–28 Days. <i>Animals</i> , 2021, 11, 2499.	1.0	17
65	Effect of vitamins, probiotics and protein level on semen traits and seminal plasma biochemical parameters of post-moult male broiler breeders. <i>British Poultry Science</i> , 2013, 54, 120-129.	0.8	16
66	Role of dietary <i>Moringa oleifera</i> leaf extract on productive parameters, humoral immunity and lipid peroxidation in broiler chicks. <i>Animal Biotechnology</i> , 2022, 33, 1353-1358.	0.7	16
67	<i>In vitro</i> efficacy and ameliorating effect of <i>Moringa oleifera</i> on growth, carcass, stress and digestibility of nutrients in <i>Escherichia coli</i> -infected broilers. <i>Journal of Applied Animal Research</i> , 2022, 50, 118-124.	0.4	16
68	Comparative effects of direct-fed microbials alone or with a trace minerals supplements on the productive performance, blood metabolites, and antioxidant status in grazing Awassi lambs. <i>Environmental Science and Pollution Research</i> , 2016, 23, 25218-25223.	2.7	15
69	Effect of <i>Bacillus cereus</i> and Phytase on the Expression of Musculoskeletal Strength and Gut Health in Japanese Quail (<i>Coturnix japonica</i>). <i>Journal of Poultry Science</i> , 2020, 57, 200-204.	0.7	15
70	Effect of Alfalfa Hay on Rumen Fermentation Patterns and Serum Biochemical Profile of Growing Naemi Lambs with Ad Libitum Access to Total Mixed Rations. <i>Pakistan Journal of Zoology</i> , 2017, 49, 1519-1522.	0.1	15
71	Dietary Grape (<i>Vitis vinifera</i>) Seed Powder and Zn-Gly Chelate Complex for Mitigating Heat Stress in Broiler Chickens: Growth Parameters, Malondialdehyde, Paraoxonase-1, and Antibody Titer. <i>Agriculture (Switzerland)</i> , 2021, 11, 1087.	1.4	15
72	Vitamin E: pharmaceutical role in poultry male fecundity. <i>World's Poultry Science Journal</i> , 2012, 68, 63-70.	1.4	14

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73	<i>In vivo</i> adverse effects of alpha-tocopherol on the semen quality of male bucks. <i>Journal of Animal Physiology and Animal Nutrition</i> , 2015, 99, 841-846.	1.0	14
74	Supplementation of dietary vitamins, protein and probiotics on semen traits and immunohistochemical study of pituitary hormones in zinc-induced molted broiler breeders. <i>Acta Histochemica</i> , 2013, 115, 698-704.	0.9	12
75	Effects of prepartum sustained-release trace elements ruminal bolus on performance, colostrum composition and blood metabolites in Najdi ewes. <i>Environmental Science and Pollution Research</i> , 2017, 24, 9675-9680.	2.7	12
76	Postpartum endocrine activities, metabolic attributes and milk yield are influenced by thermal stress in crossbred dairy cows. <i>International Journal of Biometeorology</i> , 2017, 61, 1561-1569.	1.3	12
77	Effect of diet supplemented with phytogenics and protease enzyme on performance, serum biochemistry and muscle histomorphology in broilers. <i>Journal of Applied Animal Research</i> , 2020, 48, 326-330.	0.4	12
78	Effect of dietary supplementation of wild Cumin (<i>Bunium persicum</i>) seeds on performance, nutrient digestibility and circulating metabolites in broiler chicks during the finisher phase. <i>Animal Biotechnology</i> , 2022, 33, 871-875.	0.7	12
79	Dietary Supplementation of Fenugreek (<i>Trigonella foenum graecum</i>) on the Egg Quality Characteristics of Rhode Island Red Spent Layers. <i>Pakistan Journal of Zoology</i> , 2019, 51, .	0.1	12
80	The effect of vitamin E and selenium on physiological, hormonal and antioxidant status of Damani and Balkhi sheep submitted to heat stress. <i>Applied Biological Chemistry</i> , 2017, 60, 585-590.	0.7	11
81	Public health risk of heavy metal residues in meat and edible organs of broiler in an intensive production system of a region in Pakistan. <i>Environmental Science and Pollution Research</i> , 2019, 26, 23002-23009.	2.7	11
82	Effect of Palm Kernel Meal and Malic Acid on Rumen Characteristics of Growing Naemi Lambs Fed Total Mixed Ration. <i>Animals</i> , 2019, 9, 408.	1.0	10
83	Mannan oligosaccharide (MOS) in Broiler Diet during the Finisher Phase: 2. Growth Traits and Intestinal Histomorphology. <i>Pakistan Journal of Zoology</i> , 2019, 51, .	0.1	10
84	Ameliorative Effect of Zinc and Multistrain Probiotic on Muscle and Bone Characteristics in Broiler Reared under Cyclic Heat Stress. <i>Pakistan Journal of Zoology</i> , 2019, 51, .	0.1	10
85	Dietary tea tree (<i>Melaleuca alternifolia</i>) essential oil as alternative to antibiotics alleviates experimentally induced <i>Eimeria tenella</i> challenge in Japanese quails. <i>Journal of Animal Physiology and Animal Nutrition</i> , 2023, 107, 643-649.	1.0	10
86	Feeding of Phytobiotics and Exogenous Protease in Broilers: Comparative Effect on Nutrient Digestibility, Bone Strength and Gut Morphology. <i>Agriculture (Switzerland)</i> , 2021, 11, 228.	1.4	9
87	Effect of Sea Buckthorn (<i>L.</i>) Seed Supplementation on Egg Quality and Cholesterol of Rhode Island Red—Fayoumi Laying Hens. <i>Korean Journal for Food Science of Animal Resources</i> , 2018, 38, 468-475.	1.5	9
88	Nutritional Effect of Flaxseeds on Cholesterol Profile and Fatty Acid Composition in Egg Yolk. <i>Cereal Chemistry</i> , 2015, 92, 50-53.	1.1	8
89	Effect of yeast-based selenium on blood progesterone, metabolites and milk yield in Achai dairy cows. <i>Italian Journal of Animal Science</i> , 2019, 18, 1445-1450.	0.8	8
90	Effect of dietary inclusion of taurine on performance, carcass characteristics and muscle micro-measurements in broilers under cyclic heat stress. <i>Italian Journal of Animal Science</i> , 2021, 20, 872-877.	0.8	8

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91	Supplementation of vitamins, probiotics and proteins on oxidative stress, enzymes and hormones in post-moult male broiler breeders. Archives Animal Breeding, 2013, 56, 607-616.	0.5	8
92	Selenium: An Essential Micronutrient for Sustainable Dairy Cows Production. Sustainability, 2020, 12, 10693.	1.6	7
93	Effects of different levels of spirulina (<i>Arthrospira platensis</i>) supplementation on productive performance, nutrient digestibility, blood metabolites, and meat quality of growing Najdi lambs. Tropical Animal Health and Production, 2022, 54, 124.	0.5	7
94	Dietary fortification of crushed seeds of <i>Bonium persicum</i> on growth performance, apparent ileal digestibility and blood metabolites in broiler chicks during the starter phase. Italian Journal of Animal Science, 2021, 20, 1-5.	0.8	6
95	Effects of Sunflower Hulls on Productive Performance, Digestibility Indices and Rumen Morphology of Growing Awassi Lambs Fed with Total Mixed Rations. Veterinary Sciences, 2021, 8, 174.	0.6	6
96	Impact of varying housing systems on egg quality characteristics, fatty acid profile, and cholesterol content of Rhode Island Red × Youmi laying hens. Tropical Animal Health and Production, 2021, 53, 456.	0.5	6
97	Association among metabolic status, oxidative stress, milk yield, body condition score and reproductive cyclicity in dairy buffaloes. Reproduction in Domestic Animals, 2022, 57, 498-504.	0.6	6
98	Performance and carcass measurements of ewe lambs reared in a feedlot and fed wheat (<i>Triticum</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 500 Production, 2012, 44, 779-784.	0.5	5
99	An Assessment of the Growth and Profitability Potential of Meat-Type Broiler Strains under High Ambient Temperature. Pakistan Journal of Zoology, 2018, 50, .	0.1	5
100	Nutritional Evaluation of Two Sorghum Varieties in Broiler Fortified with Phytase. Pakistan Journal of Zoology, 2019, 51, .	0.1	5
101	The Effects of Different Levels of Sunflower Hulls on Reproductive Performance of Yearly Ewes Fed with Pelleted Complete Diets. Agriculture (Switzerland), 2021, 11, 959.	1.4	5
102	Influence of dietary L-carnitine and lysine-methionine levels on reproductive performance and blood metabolic constituents of breeder ducks. Reproduction in Domestic Animals, 2022, 57, 253-261.	0.6	5
103	Dietary vitamin D: growth, physiological and health consequences in broiler production. Animal Biotechnology, 2021, , 1-7.	0.7	5
104	Does the gradual replacement of spent silkworm (<i>Bombyx mori</i>) pupae affect the performance, blood metabolites and gut functions in White Leghorn laying hens?. Research in Veterinary Science, 2020, 132, 574-577.	0.9	4
105	Impact of chlorine dioxide as water acidifying agent on the performance, ileal microflora and intestinal histology in quails. Archives Animal Breeding, 2014, 57, 1-9.	0.5	4
106	Mannan oligosaccharide (MOS) in Broiler Ration during the Starter Phase: 1. Growth Performance and Intestinal Histomorphology. Pakistan Journal of Zoology, 2018, 51, .	0.1	4
107	Feeding of <i>Camelina sativa</i> Seeds to Light-Type Gentile di Puglia Lambs: Effect on Productive Performance and Muscle Fatty Acid Composition. Animal Biotechnology, 2023, 34, 2360-2366.	0.7	3
108	Effect on Milking Performance of Vitamin-Trace Element Supplements to Early Lactation Italian Brown Cows Grazing Ryegrass (<i>Lolium multiflorum</i>) Pasture. Asian-Australasian Journal of Animal Sciences, 2011, 24, 1227-1232.	2.4	2

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109	Evaluating the Immune Response and Antioxidant Potential in Four Broiler Strains under Chronic High Ambient Temperature. Pakistan Journal of Zoology, 2017, 49, .	0.1	2
110	Tomato Pomace Waste as Safe Feed Additive for Poultry Health and Production – A Review. Annals of Animal Science, 2023, 23, 39-51.	0.6	2