

Ali O Osman

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.

70
papers

1,171
citations

21
h-index

30
g-index

73
ext. papers

1,513
ext. citations

3.9
avg, IF

5.15
L-index

#	Paper	IF	Citations
70	Dietary Spirulina platensis phycocyanin improves growth, tissue histoarchitecture, and immune responses, with modulating immunoexpression of CD3 and CD20 in Nile tilapia, <i>Oreochromis niloticus</i> . <i>Aquaculture</i> , 2022 , 546, 737413	4.4	4
69	Potential Effects of Anthocyanin-Rich Roselle (L.) Extract on the Growth, Intestinal Histomorphology, Blood Biochemical Parameters, and the Immune Status of Broiler Chickens.. <i>Antioxidants</i> , 2022 , 11,	7.1	8
68	Long-Term Feeding with Curcumin Affects the Growth, Antioxidant Capacity, Immune Status, Tissue Histoarchitecture, Immune Expression of Proinflammatory Cytokines, and Apoptosis Indicators in Nile Tilapia, <i>Oreochromis niloticus</i> . <i>Antioxidants</i> , 2022 , 11, 937	7.1	1
67	Modulating the Growth, Antioxidant Activity, and Immunoexpression of Proinflammatory Cytokines and Apoptotic Proteins in Broiler Chickens by Adding Dietary Spirulina platensis Phycocyanin. <i>Antioxidants</i> , 2022 , 11, 991	7.1	4
66	Nigella sativa Seed Peptides (Thionins). <i>Food Bioactive Ingredients</i> , 2021 , 59-65	0.2	
65	Silver-Protein Nanocomposites as Antimicrobial Agents. <i>Nanomaterials</i> , 2021 , 11,	5.4	3
64	Impact of Fennel Essential Oil as an Antibiotic Alternative in Rabbit Diet on Antioxidant Enzymes Levels, Growth Performance, and Meat Quality. <i>Antioxidants</i> , 2021 , 10,	7.1	7
63	Impacts of dietary supplementation of pyocyanin powder on growth performance, carcass traits, blood chemistry, meat quality and gut microbial activity of broilers. <i>Italian Journal of Animal Science</i> , 2021 , 20, 1357-1372	2.2	8
62	Roles of Exogenous Lipoic Acid and Cysteine in Mitigation of Drought Stress and Restoration of Grain Quality in Wheat. <i>Plants</i> , 2021 , 10,	4.5	7
61	Protecting potato plants against PVX and PVY viral infections by the application of native and chemically modified legume proteins. <i>Journal of Plant Diseases and Protection</i> , 2021 , 128, 1101-1114	1.5	3
60	Effects of magnetite nanoparticles on physiological processes to alleviate salinity induced oxidative damage in wheat. <i>Journal of the Science of Food and Agriculture</i> , 2021 , 101, 5550-5562	4.3	9
59	Soybean Conglycinin and catfish cutaneous mucous p22 glycoproteins deteriorate sporangial cell walls of <i>Pseudoperonospora cubensis</i> and suppress cucumber downy mildew. <i>Pest Management Science</i> , 2021 , 77, 3313-3324	4.6	5
58	Foliar Spray with Pepsin-and Papain-Whey Protein Hydrolysates Promotes the Productivity of Pea Plants Cultivated in Clay Loam Soil. <i>Molecules</i> , 2021 , 26,	4.8	1
57	Bioactive peptides supplemented raw buffalo milk: Biological activity, shelf life and quality properties during cold preservation. <i>Saudi Journal of Biological Sciences</i> , 2021 , 28, 4581-4591	4	41
56	H5N1 Avian Flu Infection in Hubbard Broiler Chicken Can Be Prevented or Cured by Methylated Soy Protein During 42 Days Rearing. <i>Probiotics and Antimicrobial Proteins</i> , 2021 , 1	5.5	1
55	Health Aspects, Growth Performance, and Meat Quality of Rabbits Receiving Diets Supplemented with Lettuce Fertilized with Whey Protein Hydrolysate Substituting Nitrate. <i>Biomolecules</i> , 2021 , 11,	5.9	2
54	Effects of injection of polysaccharide on early growth, carcass weights and blood metabolites in broiler chickens. <i>Animal Biotechnology</i> , 2021 , 1-7	1.4	2

53	Antibacterial Peptides Produced by Alcalase from Cowpea Seed Proteins. <i>Antibiotics</i> , 2021 , 10,	4.9	2
52	Alleviation of carbon tetrachloride-induced hepatocellular damage and oxidative stress in rats by <i>Anabaena oryzae</i> phycocyanin. <i>Journal of Food Biochemistry</i> , 2021 , 45, e13562	3.3	4
51	Angiotensin-I Converting Enzyme Inhibition and Antioxidant Activity of Papain-Hydrolyzed Camel Whey Protein and Its Hepato-Renal Protective Effects in Thioacetamide-Induced Toxicity. <i>Foods</i> , 2021 , 10,	4.9	9
50	Enhancing Grain Yield and Nitrogen Accumulation in Wheat Plants Grown under a Mediterranean Arid Environment by Foliar Spray with Papain-Released Whey Peptides. <i>Agronomy</i> , 2021 , 11, 1913	3.6	1
49	Lipolytic Postbiotic from Manages Metabolic Syndrome in Albino Wistar Rats. <i>Molecules</i> , 2021 , 26,	4.8	10
48	Pumpkin seed protein hydrolysate treatment alleviates salt stress effects on <i>Phaseolus vulgaris</i> by elevating antioxidant capacity and recovering ion homeostasis. <i>Scientia Horticulturae</i> , 2020 , 271, 109495 ^{4.1}	4.1	26
47	Ginger and Its Derivatives as Promising Alternatives to Antibiotics in Poultry Feed. <i>Animals</i> , 2020 , 10,	3.1	35
46	Dietary supplementation of soybean glycinin can alter the growth, carcass traits, blood biochemical indices, and meat quality of broilers. <i>Poultry Science</i> , 2020 , 99, 820-828	3.9	8
45	Biochemical control of <i>Alternaria tenuissima</i> infecting post-harvest fig fruit by chickpea vicilin. <i>Journal of the Science of Food and Agriculture</i> , 2020 , 100, 2889-2897	4.3	18
44	Effects of dried okra fruit (<i>Abelmoschus esculentus</i> L.) powder on growth, carcass characteristics, blood indices, and meat quality of stored broiler meat. <i>Poultry Science</i> , 2020 , 99, 3060-3069	3.9	8
43	Influence of dietary graded levels of lycopene on the growth performance, muscle cholesterol level and oxidative status of Japanese quail fed high-fat diet. <i>Anais Da Academia Brasileira De Ciencias</i> , 2020 , 92, e20190065	1.4	7
42	Hepatoprotective action of papain-hydrolyzed buffalo milk protein on carbon tetrachloride oxidative stressed albino rats. <i>Journal of Dairy Science</i> , 2020 , 103, 1884-1893	4	19
41	Camel milk whey hydrolysate inhibits growth and biofilm formation of <i>Pseudomonas aeruginosa</i> PAO1 and methicillin-resistant <i>Staphylococcus aureus</i> . <i>Food Control</i> , 2020 , 111, 107056	6.2	22
40	Impact of partial substitution of fish meal by methylated soy protein isolates on the nutritional, immunological, and health aspects of Nile tilapia, <i>Oreochromis niloticus</i> fingerlings. <i>Aquaculture</i> , 2020 , 518, 734871	4.4	22
39	Effects of Phenolic-Rich Onion (L.) Extract on the Growth Performance, Behavior, Intestinal Histology, Amino Acid Digestibility, Antioxidant Activity, and the Immune Status of Broiler Chickens. <i>Frontiers in Veterinary Science</i> , 2020 , 7, 582612	3.1	15
38	Antiviral Action of Native and Methylated Lactoferrin and β Lactoglobulin against Potato Virus Y (PVY) Infected into Potato Plants Grown in an Open Field. <i>Antibiotics</i> , 2020 , 9,	4.9	5
37	Does the dietary graded levels of herbal mixture powder impact growth, carcass traits, blood indices and meat quality of the broilers?. <i>Italian Journal of Animal Science</i> , 2020 , 19, 1228-1237	2.2	13
36	Catfish Glycoprotein, a Highly Powerful Safe Preservative of Minced Beef Stored at 4 °C for 15 Days. <i>Foods</i> , 2020 , 9,	4.9	13

35	Powerful Antibacterial Peptides from Egg Albumin Hydrolysates. <i>Antibiotics</i> , 2020 , 9,	4.9	13
34	Enzymatic Hydrolysis of Phaseolus vulgaris Protein Isolate: Characterization of Hydrolysates and Effect on the Quality of Minced Beef During Cold Storage. <i>International Journal of Peptide Research and Therapeutics</i> , 2020 , 26, 567-577	2.1	23
33	Characterization and Antibacterial Activity of 7S and 11S Globulins Isolated from Cowpea Seed Protein. <i>Molecules</i> , 2019 , 24,	4.8	29
32	Use of Whey Protein Concentrates in Broiler Diets. <i>Journal of Applied Poultry Research</i> , 2019 , 28, 1078-1088		2
31	Biochemical, biological characteristics and antibacterial activity of glycoprotein extracted from the epidermal mucus of African catfish (<i>Clarias gariepinus</i>). <i>International Journal of Biological Macromolecules</i> , 2019 , 138, 773-780	7.9	19
30	Impacts of dietary inclusion of dried brewers' grains on growth, carcass traits, meat quality, nutrient digestibility and blood biochemical indices of broilers. <i>South African Journal of Animal Sciences</i> , 2019 , 49, 573	1	4
29	The Effect of Dietary Replacement of Fish Meal with Whey Protein Concentrate on the Growth Performance, Fish Health, and Immune Status of Nile Tilapia Fingerlings,. <i>Animals</i> , 2019 , 9,	3.1	18
28	Antimicrobial Activity and Chemical Constitution of the Crude, Phenolic-Rich Extracts of and. <i>Molecules</i> , 2019 , 24,	4.8	32
27	Storage stability of minced beef supplemented with chickpea legumin at 4 °C as a potential substitute for nisin. <i>LWT - Food Science and Technology</i> , 2018 , 93, 434-441	5.4	14
26	Influences of dietary supplementation of peanut skin powder (<i>Arachis Hypogaea</i>) on growth performance, carcass traits, blood chemistry, antioxidant activity and meat quality of broilers. <i>Animal Production Science</i> , 2018 , 58, 965	1.4	13
25	Bioactive Compounds in Soybean Proteins and Its Applications in Food Systems. <i>Handbook of Environmental Chemistry</i> , 2018 , 147-160	0.8	4
24	Impact of Single or Co-Dietary Inclusion of Native or Methylated Soy Protein Isolate on Growth Performance, Intestinal Histology and Immune Status of Broiler Chickens. <i>Advances in Animal and Veterinary Sciences</i> , 2018 , 6,	2.8	4
23	Impacts of supplementing growing rabbit diets with whey powder and citric acid on growth performance, nutrient digestibility, meat and bone analysis, and gut health. <i>AMB Express</i> , 2018 , 8, 86	4.1	12
22	Inhibitory effect of <i>Nigella sativa</i> oil against <i>Listeria monocytogenes</i> and <i>Salmonella Enteritidis</i> inoculated in minced beef meat. <i>Journal of Food Measurement and Characterization</i> , 2017 , 11, 2043-2051	2.8	14
21	Angiotensin I-converting enzyme inhibitory activity and antioxidant capacity of bioactive peptides derived from enzymatic hydrolysis of buffalo milk proteins. <i>International Dairy Journal</i> , 2017 , 66, 91-98	3.5	85
20	Antibacterial peptides generated by Alcalase hydrolysis of goat whey. <i>LWT - Food Science and Technology</i> , 2016 , 65, 480-486	5.4	55
19	Inhibition of <i>Penicillium digitatum</i> in vitro and in postharvest orange fruit by a soy protein fraction containing mainly β -conglycinin. <i>Journal of General Plant Pathology</i> , 2016 , 82, 293-301	1	25
18	Impeding <i>Bacillus</i> spore germination in vitro and in milk by soy glycinin during long cold storage. <i>Journal of General and Applied Microbiology</i> , 2016 , 62, 52-9	1.5	11

17	Antibacterial activity of methylated egg white proteins against pathogenic G(+) and G(-) bacteria matching antibiotics. <i>SpringerPlus</i> , 2016 , 5, 983		27
16	Antibacterial activity of papain hydrolysed camel whey and its fractions. <i>International Dairy Journal</i> , 2016 , 61, 91-98	3.5	36
15	Quantification of biomolecules in herring (<i>Clupea harengus</i>) industry processing waters and their recovery using electroflocculation and ultrafiltration. <i>Food and Bioproducts Processing</i> , 2015 , 96, 198-210	4.9	13
14	Comparative Assessment of Peptide Concentration in Milk Protein Hydrolysates and Fractions. <i>International Journal of Dairy Science</i> , 2015 , 10, 228-235	0.7	6
13	Extending the Technological Validity of Raw Buffalo Milk at Room Temperature by Esterified Legume Proteins. <i>Journal of Food Processing and Preservation</i> , 2014 , 38, 223-231	2.1	22
12	Bioactive proteins against pathogenic and spoilage bacteria. <i>Functional Foods in Health and Disease</i> , 2014 , 4, 451	2.5	6
11	Extent and Mode of Action of Cationic Legume Proteins against <i>Listeria monocytogenes</i> and <i>Salmonella Enteritidis</i> . <i>Probiotics and Antimicrobial Proteins</i> , 2013 , 5, 195-205	5.5	29
10	Preliminary assessment of potential toxicity of methylated soybean protein and methylated β -lactoglobulin in male Wistar rats. <i>Food and Chemical Toxicology</i> , 2013 , 59, 618-25	4.7	15
9	Counteracting Recontamination of Pasteurized Milk by Methylated Soybean Protein. <i>Food and Bioprocess Technology</i> , 2013 , 6, 101-109	5.1	20
8	Preservative action of 11S (glycinin) and 7S (β -conglycinin) soy globulin on bovine raw milk stored either at 4 or 25 °C. <i>Journal of Dairy Research</i> , 2013 , 80, 174-83	1.6	35
7	Chlorogenic Acid Oxidation by a Crude Peroxidase Preparation: Biocatalytic Characteristics and Oxidation Products. <i>Food and Bioprocess Technology</i> , 2012 , 5, 243-251	5.1	11
6	In vitro and in situ antimicrobial action and mechanism of glycinin and its basic subunit. <i>International Journal of Food Microbiology</i> , 2012 , 154, 19-29	5.8	75
5	Controlling psychrotrophic bacteria in raw buffalo milk preserved at 4°C with esterified legume proteins. <i>LWT - Food Science and Technology</i> , 2011 , 44, 1697-1702	5.4	26
4	Enhancing Milk Preservation with Esterified Legume Proteins. <i>Probiotics and Antimicrobial Proteins</i> , 2011 , 3, 48-56	5.5	20
3	Inhibition of growth of pathogenic bacteria in raw milk by legume protein esters. <i>Journal of Food Protection</i> , 2011 , 74, 1475-81	2.5	32
2	Antimicrobial activity of native and esterified legume proteins against Gram-negative and Gram-positive bacteria. <i>Food Chemistry</i> , 2010 , 120, 66-73	8.5	35
1	Investigation on biocatalytic properties of a peroxidase-active homogenate from onion solid wastes: An insight into quercetin oxidation mechanism. <i>Process Biochemistry</i> , 2008 , 43, 861-867	4.8	40