

# Ali O Osman

## 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.

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 | 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> , <b>2017</b> , 66, 91-98                       | 3.5 | 85        |
| 69 | In vitro and in situ antimicrobial action and mechanism of glycinin and its basic subunit. <i>International Journal of Food Microbiology</i> , <b>2012</b> , 154, 19-29   | 5.8 | 75        |
| 68 | Antibacterial peptides generated by Alcalase hydrolysis of goat whey. <i>LWT - Food Science and Technology</i> , <b>2016</b> , 65, 480-486  | 5.4 | 55        |
| 67 | Bioactive peptides supplemented raw buffalo milk: Biological activity, shelf life and quality properties during cold preservation. <i>Saudi Journal of Biological Sciences</i> , <b>2021</b> , 28, 4581-4591                                      | 4   | 41        |
| 66 | Investigation on biocatalytic properties of a peroxidase-active homogenate from onion solid wastes: An insight into quercetin oxidation mechanism. <i>Process Biochemistry</i> , <b>2008</b> , 43, 861-867  | 4.8 | 40        |
| 65 | Antibacterial activity of papain hydrolysed camel whey and its fractions. <i>International Dairy Journal</i> , <b>2016</b> , 61, 91-98  | 3.5 | 36        |
| 64 | Ginger and Its Derivatives as Promising Alternatives to Antibiotics in Poultry Feed. <i>Animals</i> , <b>2020</b> , 10,   | 3.1 | 35        |
| 63 | 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> , <b>2013</b> , 80, 174-83   | 1.6 | 35        |
| 62 | Antimicrobial activity of native and esterified legume proteins against Gram-negative and Gram-positive bacteria. <i>Food Chemistry</i> , <b>2010</b> , 120, 66-73  | 8.5 | 35        |
| 61 | Inhibition of growth of pathogenic bacteria in raw milk by legume protein esters. <i>Journal of Food Protection</i> , <b>2011</b> , 74, 1475-81   | 2.5 | 32        |
| 60 | Antimicrobial Activity and Chemical Constitution of the Crude, Phenolic-Rich Extracts of and. <i>Molecules</i> , <b>2019</b> , 24,  | 4.8 | 32        |
| 59 | Characterization and Antibacterial Activity of 7S and 11S Globulins Isolated from Cowpea Seed Protein. <i>Molecules</i> , <b>2019</b> , 24,   | 4.8 | 29        |
| 58 | 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> , <b>2013</b> , 5, 195-205   | 5.5 | 29        |
| 57 | Antibacterial activity of methylated egg white proteins against pathogenic G(+) and G(-) bacteria matching antibiotics. <i>SpringerPlus</i> , <b>2016</b> , 5, 983  |     | 27        |
| 56 | 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> , <b>2020</b> , 271, 109495 <sup>4.1</sup> |     | 26        |
| 55 | Controlling psychrotrophic bacteria in raw buffalo milk preserved at 4°C with esterified legume proteins. <i>LWT - Food Science and Technology</i> , <b>2011</b> , 44, 1697-1702  | 5.4 | 26        |
| 54 | 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> , <b>2016</b> , 82, 293-301                              | 1   | 25        |

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|----|---|-----|----|
| 53 | 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> , <b>2020</b> , 26, 567-577            | 2.1 | 23 |
| 52 | Extending the Technological Validity of Raw Buffalo Milk at Room Temperature by Esterified Legume Proteins. <i>Journal of Food Processing and Preservation</i> , <b>2014</b> , 38, 223-231  | 2.1 | 22 |
| 51 | Camel milk whey hydrolysate inhibits growth and biofilm formation of Pseudomonas aeruginosa PAO1 and methicillin-resistant Staphylococcus aureus. <i>Food Control</i> , <b>2020</b> , 111, 107056   | 6.2 | 22 |
| 50 | Impact of partial substitution of fish meal by methylated soy protein isolates on the nutritional, immunological, and health aspects of Nile tilapia, Oreochromis niloticus fingerlings. <i>Aquaculture</i> , <b>2020</b> , 518, 734871                             | 4.4 | 22 |
| 49 | Counteracting Recontamination of Pasteurized Milk by Methylated Soybean Protein. <i>Food and Bioprocess Technology</i> , <b>2013</b> , 6, 101-109   | 5.1 | 20 |
| 48 | Enhancing Milk Preservation with Esterified Legume Proteins. <i>Probiotics and Antimicrobial Proteins</i> , <b>2011</b> , 3, 48-56  | 5.5 | 20 |
| 47 | Biochemical, biological characteristics and antibacterial activity of glycoprotein extracted from the epidermal mucus of African catfish (Clarias gariepinus). <i>International Journal of Biological Macromolecules</i> , <b>2019</b> , 138, 773-780               | 7.9 | 19 |
| 46 | Hepatoprotective action of papain-hydrolyzed buffalo milk protein on carbon tetrachloride oxidative stressed albino rats. <i>Journal of Dairy Science</i> , <b>2020</b> , 103, 1884-1893  | 4   | 19 |
| 45 | Biochemical control of Alternaria tenuissima infecting post-harvest fig fruit by chickpea vicilin. <i>Journal of the Science of Food and Agriculture</i> , <b>2020</b> , 100, 2889-2897   | 4.3 | 18 |
| 44 | 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> , <b>2019</b> , 9,  | 3.1 | 18 |
| 43 | Preliminary assessment of potential toxicity of methylated soybean protein and methylated $\beta$ -lactoglobulin in male Wistar rats. <i>Food and Chemical Toxicology</i> , <b>2013</b> , 59, 618-25  | 4.7 | 15 |
| 42 | 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> , <b>2020</b> , 7, 582612 | 3.1 | 15 |
| 41 | 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> , <b>2018</b> , 93, 434-441   | 5.4 | 14 |
| 40 | Inhibitory effect of Nigella sativa oil against Listeria monocytogenes and Salmonella Enteritidis inoculated in minced beef meat. <i>Journal of Food Measurement and Characterization</i> , <b>2017</b> , 11, 2043-2051 <sup>2.8</sup>                              | 2.8 | 14 |
| 39 | Quantification of biomolecules in herring (Clupea harengus) industry processing waters and their recovery using electroflocculation and ultrafiltration. <i>Food and Bioproducts Processing</i> , <b>2015</b> , 96, 198-210 <sup>4.9</sup>                          | 4.9 | 13 |
| 38 | Influences of dietary supplementation of peanut skin powder (Arachis Hypogaea) on growth performance, carcass traits, blood chemistry, antioxidant activity and meat quality of broilers. <i>Animal Production Science</i> , <b>2018</b> , 58, 965                  | 1.4 | 13 |
| 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> , <b>2020</b> , 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> , <b>2020</b> , 9,  | 4.9 | 13 |

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| 35 | Powerful Antibacterial Peptides from Egg Albumin Hydrolysates. <i>Antibiotics</i> , <b>2020</b> , 9,   | 4.9 | 13 |
| 34 | 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> , <b>2018</b> , 8, 86                             | 4.1 | 12 |
| 33 | Chlorogenic Acid Oxidation by a Crude Peroxidase Preparation: Biocatalytic Characteristics and Oxidation Products. <i>Food and Bioprocess Technology</i> , <b>2012</b> , 5, 243-251  | 5.1 | 11 |
| 32 | Impeding Bacillus spore germination in vitro and in milk by soy glycinin during long cold storage. <i>Journal of General and Applied Microbiology</i> , <b>2016</b> , 62, 52-9   | 1.5 | 11 |
| 31 | Lipolytic Postbiotic from Manages Metabolic Syndrome in Albino Wistar Rats. <i>Molecules</i> , <b>2021</b> , 26,   | 4.8 | 10 |
| 30 | 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> , <b>2021</b> , 101, 5550-5562                                | 4.3 | 9  |
| 29 | 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> , <b>2021</b> , 10,                    | 4.9 | 9  |
| 28 | Dietary supplementation of soybean glycinin can alter the growth, carcass traits, blood biochemical indices, and meat quality of broilers. <i>Poultry Science</i> , <b>2020</b> , 99, 820-828  | 3.9 | 8  |
| 27 | 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> , <b>2020</b> , 99, 3060-3069                    | 3.9 | 8  |
| 26 | 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> , <b>2021</b> , 20, 1357-1372 | 2.2 | 8  |
| 25 | 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> , <b>2022</b> , 11,                    | 7.1 | 8  |
| 24 | 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> , <b>2020</b> , 92, e20190065 | 1.4 | 7  |
| 23 | Impact of Fennel Essential Oil as an Antibiotic Alternative in Rabbit Diet on Antioxidant Enzymes Levels, Growth Performance, and Meat Quality. <i>Antioxidants</i> , <b>2021</b> , 10,  | 7.1 | 7  |
| 22 | Roles of Exogenous Lipoic Acid and Cysteine in Mitigation of Drought Stress and Restoration of Grain Quality in Wheat. <i>Plants</i> , <b>2021</b> , 10,   | 4.5 | 7  |
| 21 | Bioactive proteins against pathogenic and spoilage bacteria. <i>Functional Foods in Health and Disease</i> , <b>2014</b> , 4, 451  | 2.5 | 6  |
| 20 | Comparative Assessment of Peptide Concentration in Milk Protein Hydrolysates and Fractions. <i>International Journal of Dairy Science</i> , <b>2015</b> , 10, 228-235  | 0.7 | 6  |
| 19 | Antiviral Action of Native and Methylated Lactoferrin and Lactoglobulin against Potato Virus Y (PVY) Infected into Potato Plants Grown in an Open Field. <i>Antibiotics</i> , <b>2020</b> , 9,   | 4.9 | 5  |
| 18 | Soybean Lglycinin 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> , <b>2021</b> , 77, 3313-3324   | 4.6 | 5  |

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| 17 | Bioactive Compounds in Soybean Proteins and Its Applications in Food Systems. <i>Handbook of Environmental Chemistry</i> , <b>2018</b> , 147-160  | 0.8 | 4 |
| 16 | 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> , <b>2019</b> , 49, 573   | 1   | 4 |
| 15 | 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> , <b>2018</b> , 6,  | 2.8 | 4 |
| 14 | Alleviation of carbon tetrachloride-induced hepatocellular damage and oxidative stress in rats by <i>Anabaena oryzae</i> phycocyanin. <i>Journal of Food Biochemistry</i> , <b>2021</b> , 45, e13562  | 3.3 | 4 |
| 13 | Dietary <i>Spirulina platensis</i> 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> , <b>2022</b> , 546, 737413                         | 4.4 | 4 |
| 12 | Modulating the Growth, Antioxidant Activity, and Immunoexpression of Proinflammatory Cytokines and Apoptotic Proteins in Broiler Chickens by Adding Dietary <i>Spirulina platensis</i> Phycocyanin. <i>Antioxidants</i> , <b>2022</b> , 11, 991   | 7.1 | 4 |
| 11 | Silver-Protein Nanocomposites as Antimicrobial Agents. <i>Nanomaterials</i> , <b>2021</b> , 11,   | 5.4 | 3 |
| 10 | 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> , <b>2021</b> , 128, 1101-1114  | 1.5 | 3 |
| 9  | Use of Whey Protein Concentrates in Broiler Diets. <i>Journal of Applied Poultry Research</i> , <b>2019</b> , 28, 1078-1088   |     | 2 |
| 8  | Health Aspects, Growth Performance, and Meat Quality of Rabbits Receiving Diets Supplemented with Lettuce Fertilized with Whey Protein Hydrolysate Substituting Nitrate. <i>Biomolecules</i> , <b>2021</b> , 11,  | 5.9 | 2 |
| 7  | Effects of injection of polysaccharide on early growth, carcass weights and blood metabolites in broiler chickens. <i>Animal Biotechnology</i> , <b>2021</b> , 1-7  | 1.4 | 2 |
| 6  | Antibacterial Peptides Produced by Alcalase from Cowpea Seed Proteins. <i>Antibiotics</i> , <b>2021</b> , 10,   | 4.9 | 2 |
| 5  | Foliar Spray with Pepsin-and Papain-Whey Protein Hydrolysates Promotes the Productivity of Pea Plants Cultivated in Clay Loam Soil. <i>Molecules</i> , <b>2021</b> , 26,  | 4.8 | 1 |
| 4  | 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> , <b>2021</b> , 1  | 5.5 | 1 |
| 3  | 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> , <b>2021</b> , 11, 1913   | 3.6 | 1 |
| 2  | 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> , <b>2022</b> , 11, 937 | 7.1 | 1 |
| 1  | <i>Nigella sativa</i> Seed Peptides (Thionins). <i>Food Bioactive Ingredients</i> , <b>2021</b> , 59-65   | 0.2 |   |