

# Jerzy Jusiewicz

## 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.

219  
papers

2,914  
citations

27  
h-index

38  
g-index

233  
ext. papers

3,406  
ext. citations

3.5  
avg, IF

5.41  
L-index

| #   | Paper  | IF  | Citations |
|-----|--|-----|-----------|
| 219 | Ingestion of black chokeberry fruit extract leads to intestinal and systemic changes in a rat model of prediabetes and hyperlipidemia. <i>Plant Foods for Human Nutrition</i> , <b>2008</b> , 63, 176-82   | 3.9 | 88        |
| 218 | In vitro antioxidant activities of barley, husked oat, naked oat, triticale, and buckwheat wastes and their influence on the growth and biomarkers of antioxidant status in rats. <i>Journal of Agricultural and Food Chemistry</i> , <b>2006</b> , 54, 4168-75                  | 5.7 | 69        |
| 217 | An anthocyanin-rich extract from Kamchatka honeysuckle increases enzymatic activity within the gut and ameliorates abnormal lipid and glucose metabolism in rats. <i>Nutrition</i> , <b>2013</b> , 29, 898-902   | 4.8 | 62        |
| 216 | Effect of non-digestible oligosaccharides on gut microecosystem in rats. <i>Food Research International</i> , <b>2002</b> , 35, 139-144  | 7   | 60        |
| 215 | Effect of the dietary polyphenolic fraction of chicory root, peel, seed and leaf extracts on caecal fermentation and blood parameters in rats fed diets containing prebiotic fructans. <i>British Journal of Nutrition</i> , <b>2011</b> , 105, 710-20                           | 3.6 | 52        |
| 214 | The response of rats to feeding with diets containing grapefruit flavonoid extract. <i>Food Research International</i> , <b>2002</b> , 35, 201-205   | 7   | 49        |
| 213 | Chemical composition of natural and polyphenol-free apple pomace and the effect of this dietary ingredient on intestinal fermentation and serum lipid parameters in rats. <i>Journal of Agricultural and Food Chemistry</i> , <b>2011</b> , 59, 9177-85                          | 5.7 | 47        |
| 212 | Dietary nisin modulates the gastrointestinal microbial ecology and enhances growth performance of the broiler chickens. <i>PLoS ONE</i> , <b>2013</b> , 8, e85347  | 3.7 | 47        |
| 211 | The effect of diets containing soybean meal, soybean protein concentrate, and soybean protein isolate of different oligosaccharide content on growth performance and gut function of young turkeys. <i>Poultry Science</i> , <b>2009</b> , 88, 2132-40                           | 3.9 | 46        |
| 210 | The effect of different dietary levels of rapeseed meal on growth performance, carcass traits, and meat quality in turkeys. <i>Poultry Science</i> , <b>2012</b> , 91, 215-23  | 3.9 | 46        |
| 209 | Physiological properties of beetroot crisps applied in standard and dyslipidaemic diets of rats. <i>Lipids in Health and Disease</i> , <b>2011</b> , 10, 178   | 4.4 | 45        |
| 208 | Comparison of the effect of dietary copper nanoparticles and one copper (II) salt on the copper biodistribution and gastrointestinal and hepatic morphology and function in a rat model. <i>PLoS ONE</i> , <b>2018</b> , 13, e0197083  | 3.7 | 45        |
| 207 | Cecal parameters of rats fed diets containing grapefruit polyphenols and inulin as single supplements or in a combination. <i>Nutrition</i> , <b>2006</b> , 22, 898-904  | 4.8 | 44        |
| 206 | Chemical composition of defatted strawberry and raspberry seeds and the effect of these dietary ingredients on polyphenol metabolites, intestinal function, and selected serum parameters in rats. <i>Journal of Agricultural and Food Chemistry</i> , <b>2015</b> , 63, 2989-96 | 5.7 | 43        |
| 205 | Biological activity of polyphenol extracts from different plant sources. <i>Food Research International</i> , <b>2002</b> , 35, 183-186  | 7   | 42        |
| 204 | The effect of administration of copper nanoparticles to chickens in their drinking water on the immune and antioxidant status of the blood. <i>Animal Science Journal</i> , <b>2018</b> , 89, 579-588  | 1.8 | 37        |
| 203 | Lactulose-induced diarrhoea in rats: effects on caecal development and activities of microbial enzymes. <i>Comparative Biochemistry and Physiology Part A, Molecular &amp; Integrative Physiology</i> , <b>2002</b> , 133, 411-7   | 2.6 | 35        |

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| 202 | Anthocyanins in Strawberry Polyphenolic Extract Enhance the Beneficial Effects of Diets with Fructooligosaccharides in the Rat Cecal Environment. <i>PLoS ONE</i> , <b>2016</b> , 11, e0149081  | 3.7 | 35 |
| 201 | Effect of lactobacillus fermented beetroot juice on composition and activity of cecal microflora of rats. <i>European Food Research and Technology</i> , <b>2009</b> , 229, 153-157   | 3.4 | 34 |
| 200 | Consumption of polyphenol concentrate with dietary fructo-oligosaccharides enhances cecal metabolism of quercetin glycosides in rats. <i>Nutrition</i> , <b>2011</b> , 27, 351-7  | 4.8 | 33 |
| 199 | Polyphenol-rich strawberry pomace reduces serum and liver lipids and alters gastrointestinal metabolite formation in fructose-fed rats. <i>Journal of Nutrition</i> , <b>2011</b> , 141, 1777-83  | 4.1 | 33 |
| 198 | Polyphenol-rich extract from blackcurrant pomace attenuates the intestinal tract and serum lipid changes induced by a high-fat diet in rabbits. <i>European Journal of Nutrition</i> , <b>2014</b> , 53, 1603-13  | 5.2 | 32 |
| 197 | Effects of dietary addition of <i>Macleaya cordata</i> alkaloid extract on growth performance, caecal indices and breast meat fatty acids profile in male broilers. <i>Journal of Animal Physiology and Animal Nutrition</i> , <b>2011</b> , 95, 171-8              | 2.6 | 32 |
| 196 | Extract of green tea leaves partially attenuates streptozotocin-induced changes in antioxidant status and gastrointestinal functioning in rats. <i>Nutrition Research</i> , <b>2008</b> , 28, 343-9   | 4   | 32 |
| 195 | Metabolic response of the gastrointestinal tract of turkeys to diets with different levels of mannan-oligosaccharide. <i>Poultry Science</i> , <b>2005</b> , 84, 903-9  | 3.9 | 31 |
| 194 | Caffeoylquinic acid-rich extract from chicory seeds improves glycemia, atherogenic index, and antioxidant status in rats. <i>Nutrition</i> , <b>2012</b> , 28, 300-6  | 4.8 | 29 |
| 193 | Performance and gastrointestinal tract metabolism of turkeys fed diets with different contents of fructooligosaccharides. <i>Poultry Science</i> , <b>2006</b> , 85, 886-91   | 3.9 | 27 |
| 192 | Strawberry ellagitannins thwarted the positive effects of dietary fructooligosaccharides in rat cecum. <i>Journal of Agricultural and Food Chemistry</i> , <b>2014</b> , 62, 5871-80  | 5.7 | 26 |
| 191 | Administration of Inulin-Supplemented Gluten-Free Diet Modified Calcium Absorption and Caecal Microbiota in Rats in a Calcium-Dependent Manner. <i>Nutrients</i> , <b>2017</b> , 9,   | 6.7 | 25 |
| 190 | Effects of cellulose, carboxymethylcellulose and inulin fed to rats as single supplements or in combinations on their caecal parameters. <i>Comparative Biochemistry and Physiology Part A, Molecular &amp; Integrative Physiology</i> , <b>2004</b> , 139, 513-9   | 2.6 | 25 |
| 189 | Comparison of the effect of dietary copper nanoparticles with copper (II) salt on bone geometric and structural parameters as well as material characteristics in a rat model. <i>Journal of Trace Elements in Medicine and Biology</i> , <b>2017</b> , 42, 103-110 | 4.1 | 25 |
| 188 | Metabolism of strawberry mono- and dimeric ellagitannins in rats fed a diet containing fructo-oligosaccharides. <i>European Journal of Nutrition</i> , <b>2017</b> , 56, 853-864  | 5.2 | 24 |
| 187 | Ellagitannins and Flavan-3-ols from Raspberry Pomace Modulate Caecal Fermentation Processes and Plasma Lipid Parameters in Rats. <i>Molecules</i> , <b>2015</b> , 20, 22848-62  | 4.8 | 24 |
| 186 | Onion quercetin monoglycosides alter microbial activity and increase antioxidant capacity. <i>Journal of Nutritional Biochemistry</i> , <b>2018</b> , 56, 81-88   | 6.3 | 23 |
| 185 | Cocoa bean ( <i>Theobroma cacao</i> L.) phenolic extracts as PTP1B inhibitors, hepatic HepG2 and pancreatic $\beta$ TC3 cell cytoprotective agents and their influence on oxidative stress in rats. <i>Food Research International</i> , <b>2016</b> , 89, 946-957  | 7   | 23 |

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| 184 | A high-fat diet differentially affects the gut metabolism and blood lipids of rats depending on the type of dietary fat and carbohydrate. <i>Nutrients</i> , <b>2014</b> , 6, 616-26   | 6.7 | 22 |
| 183 | Chemical composition of polyphenols extracted from strawberry pomace and their effect on physiological properties of diets supplemented with different types of dietary fibre in rats. <i>European Journal of Nutrition</i> , <b>2014</b> , 53, 521-32   | 5.2 | 22 |
| 182 | Effect of dietary supplementation with unprocessed and ethanol-extracted apple pomaces on caecal fermentation, antioxidant and blood biomarkers in rats. <i>British Journal of Nutrition</i> , <b>2012</b> , 107, 1138-46  | 3.6 | 21 |
| 181 | Influence of alkaloids and oligosaccharides from white lupin seeds on utilization of diets by rats and absorption of nutrients in the small intestine. <i>Animal Feed Science and Technology</i> , <b>1998</b> , 72, 143-154   | 3   | 21 |
| 180 | Physiological effects of lactulose and inulin in the caecum of rats. <i>Archives of Animal Nutrition</i> , <b>2004</b> , 58, 89-98   | 2.7 | 21 |
| 179 | Chemical Composition of Blackberry Press Cake, Polyphenolic Extract, and Defatted Seeds, and Their Effects on Cecal Fermentation, Bacterial Metabolites, and Blood Lipid Profile in Rats. <i>Journal of Agricultural and Food Chemistry</i> , <b>2017</b> , 65, 5470-5479                              | 5.7 | 20 |
| 178 | Comparison of the effect of dietary copper nanoparticles and one copper (II) salt on the metabolic and immune status in a rat model. <i>Journal of Trace Elements in Medicine and Biology</i> , <b>2018</b> , 48, 111-117  | 4.1 | 20 |
| 177 | The effect of DL-, L-isomers and DL-hydroxy analog administered at 2 levels as dietary sources of methionine on the metabolic and antioxidant parameters and growth performance of turkeys. <i>Poultry Science</i> , <b>2017</b> , 96, 3229-3238   | 3.9 | 20 |
| 176 | Nutritional and Health-Related Effects of a Diet Containing Apple Seed Meal in Rats: The Case of Amygdalin. <i>Nutrients</i> , <b>2017</b> , 9,  | 6.7 | 20 |
| 175 | Protective effect of lactofermented red beetroot juice against aberrant crypt foci formation, genotoxicity of fecal water and oxidative stress induced by 2-amino-1-methyl-6-phenylimidazo[4,5-b] pyridine in rats model. <i>Environmental Toxicology and Pharmacology</i> , <b>2012</b> , 34, 895-904 | 5.8 | 20 |
| 174 | The composition and enzymatic activity of gut microbiota in laying hens fed diets supplemented with blue lupine seeds. <i>Animal Feed Science and Technology</i> , <b>2014</b> , 191, 57-66  | 3   | 19 |
| 173 | Growth performance, gastrointestinal tract responses, and meat characteristics of broiler chickens fed a diet containing the natural alkaloid sanguinarine from <i>Macleaya cordata</i> . <i>Journal of Applied Poultry Research</i> , <b>2010</b> , 19, 393-400                                       | 2   | 19 |
| 172 | The Fatty Acid Profile and Oxidative Stability of Meat from Turkeys Fed Diets Enriched with n-3 Polyunsaturated Fatty Acids and Dried Fruit Pomaces as a Source of Polyphenols. <i>PLoS ONE</i> , <b>2017</b> , 12, e0170074   | 3.7 | 19 |
| 171 | The effect of different dietary sodium levels on the growth performance of broiler chickens, gastrointestinal function, excreta moisture and tibia mineralization. <i>Journal of Animal and Feed Sciences</i> , <b>2011</b> , 20, 93-106   | 1.5 | 19 |
| 170 | Effect of dietary copper nanoparticles versus one copper (II) salt: Analysis of vasoreactivity in a rat model. <i>Pharmacological Reports</i> , <b>2017</b> , 69, 1282-1288  | 3.9 | 18 |
| 169 | Dietary Supplementation with Raspberry Seed Oil Modulates Liver Functions, Inflammatory State, and Lipid Metabolism in Rats. <i>Journal of Nutrition</i> , <b>2015</b> , 145, 1793-9   | 4.1 | 18 |
| 168 | Usability of rapeseed cake and wheat-dried distillersSgrains with solubles in the feeding of growing Californian rabbits. <i>Archives of Animal Nutrition</i> , <b>2014</b> , 68, 227-44   | 2.7 | 18 |
| 167 | Effect of different dietary levels of low-glucosinolate rapeseed (canola) meal and non-starch polysaccharide-degrading enzymes on growth performance and gut physiology of growing turkeys. <i>Canadian Journal of Animal Science</i> , <b>2013</b> , 93, 353-362                                      | 0.9 | 18 |

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| 166 | Effect of whole wheat feeding on gastrointestinal tract development and performance of growing turkeys. <i>Animal Feed Science and Technology</i> , <b>2013</b> , 185, 150-159   | 3   | 18 |
| 165 | The effects of strawberry, black currant, and chokeberry extracts in a grain dietary fiber matrix on intestinal fermentation in rats. <i>Food Research International</i> , <b>2014</b> , 64, 752-761   | 7   | 18 |
| 164 | Fatty acid profile, oxidative stability, and sensory properties of breast meat from turkeys fed diets with a different n-6/n-3 PUFA ratio. <i>European Journal of Lipid Science and Technology</i> , <b>2012</b> , 114, 1025-1035  | 3   | 18 |
| 163 | The effect of copper nanoparticles and copper (II) salt on redox reactions and epigenetic changes in a rat model. <i>Journal of Animal Physiology and Animal Nutrition</i> , <b>2019</b> , 103, 675-686  | 2.6 | 18 |
| 162 | Effects of potato dextrin on the composition and metabolism of the gut microbiota in rats fed standard and high-fat diets. <i>Journal of Functional Foods</i> , <b>2017</b> , 34, 398-407  | 5.1 | 17 |
| 161 | The effects of whey and soy proteins on growth performance, gastrointestinal digestion, and selected physiological responses in rats. <i>Food and Function</i> , <b>2018</b> , 9, 1500-1509  | 6.1 | 17 |
| 160 | Phenolic Fractions from Dandelion Leaves and Petals as Modulators of the Antioxidant Status and Lipid Profile in an In Vivo Study. <i>Antioxidants</i> , <b>2020</b> , 9,  | 7.1 | 16 |
| 159 | Using the SPE and Micro-HPLC-MS/MS Method for the Analysis of Betalains in Rat Plasma after Red Beet Administration. <i>Molecules</i> , <b>2017</b> , 22,  | 4.8 | 16 |
| 158 | Comparative effects of different dietary levels of cellulose and fructooligosaccharides on fermentative processes in the caecum of rats. <i>Journal of Animal and Feed Sciences</i> , <b>2008</b> , 17, 88-99  | 1.5 | 16 |
| 157 | Effects of organic acids or natural plant extracts added to diets for turkeys on growth performance, gastrointestinal tract metabolism and carcass characteristics. <i>Journal of Animal and Feed Sciences</i> , <b>2008</b> , 17, 233-246                                   | 1.5 | 16 |
| 156 | The effects of rapeseed meal and legume seeds as substitutes for soybean meal on productivity and gastrointestinal function in rabbits. <i>Archives of Animal Nutrition</i> , <b>2017</b> , 71, 311-326  | 2.7 | 15 |
| 155 | Raspberry pomace alters cecal microbial activity and reduces secondary bile acids in rats fed a high-fat diet. <i>Journal of Nutritional Biochemistry</i> , <b>2017</b> , 46, 13-20  | 6.3 | 15 |
| 154 | Gastrointestinal morphology and function in turkeys fed diets diluted with whole grain wheat. <i>Poultry Science</i> , <b>2013</b> , 92, 1799-811  | 3.9 | 15 |
| 153 | Effects of Dietary Addition of a Low-Pectin Apple Fibre Preparation on Rats. <i>Polish Journal of Food and Nutrition Sciences</i> , <b>2014</b> , 64, 193-199  | 3.1 | 15 |
| 152 | Caecal parameters of rats fed diets supplemented with inulin in exchange for sucrose. <i>Archives of Animal Nutrition</i> , <b>2007</b> , 61, 201-10   | 2.7 | 15 |
| 151 | Selected parameters of gastrointestinal tract metabolism of turkeys fed diets with flavomycin and different inulin content. <i>World's Poultry Science Journal</i> , <b>2004</b> , 60, 177-185   | 3   | 15 |
| 150 | Green and roasted coffee extracts as antioxidants in THP3 cells with induced oxidative stress and lipid accumulation inhibitors in 3T3L1 cells, and their bioactivity in rats fed high fat diet. <i>European Food Research and Technology</i> , <b>2017</b> , 243, 1323-1334 | 3.4 | 14 |
| 149 | Ellagitannins from Strawberries with Different Degrees of Polymerization Showed Different Metabolism through Gastrointestinal Tract of Rats. <i>Journal of Agricultural and Food Chemistry</i> , <b>2017</b> , 65, 10738-10748   | 5.7 | 14 |

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| 148 | Effect of different dietary methionine levels on the growth performance and tissue redox parameters of turkeys. <i>Poultry Science</i> , <b>2017</b> , 96, 1235-1243  | 3.9 | 14 |
| 147 | Productivity results and physiological response of the gastrointestinal tract of rabbits fed diets containing rapeseed cake and wheat distillers dried grains with solubles. <i>Animal Production Science</i> , <b>2015</b> , 55, 777                                   | 1.4 | 14 |
| 146 | Minor effect of the dietary combination of probiotic <i>Pediococcus acidilactici</i> with fructooligosaccharides or polysaccharidases on beneficial changes in the cecum of rats. <i>Nutrition Research</i> , <b>2007</b> , 27, 133-139                                 | 4   | 14 |
| 145 | Effect of adding mannan-oligosaccharide to the diet on the performance, weight of digestive tract segments, and caecal digesta parameters in young turkeys. <i>Journal of Animal and Feed Sciences</i> , <b>2003</b> , 12, 133-142                                      | 1.5 | 14 |
| 144 | The effect of different dietary levels of dl-methionine and dl-methionine hydroxy analogue on the antioxidant and immune status of young turkeys. <i>Archives of Animal Nutrition</i> , <b>2017</b> , 71, 347-361   | 2.7 | 13 |
| 143 | The effect of partial replacement of soyabean meal with sunflower meal on ileal adaptation, nutrient utilisation and growth performance of young turkeys. <i>British Poultry Science</i> , <b>2011</b> , 52, 456-65   | 1.9 | 13 |
| 142 | Native and microwaved bean and pea starch preparations: physiological effects on the intestinal ecosystem, caecal tissue and serum lipids in rats. <i>British Journal of Nutrition</i> , <b>2010</b> , 103, 1118-26   | 3.6 | 13 |
| 141 | Metabolic response of the gastrointestinal tract and serum parameters of rabbits to diets containing chicory flour rich in inulin. <i>Journal of Animal Physiology and Animal Nutrition</i> , <b>2008</b> , 92, 113-20 <sup>2.6</sup>                                   | 2.6 | 13 |
| 140 | Effect of chicory products with different inulin content on rat caecum physiology. <i>Journal of Animal Physiology and Animal Nutrition</i> , <b>2006</b> , 90, 200-7   | 2.6 | 13 |
| 139 | The toxic effects of monosodium glutamate (MSG) - The involvement of nitric oxide, prostanoids and potassium channels in the reactivity of thoracic arteries in MSG-obese rats. <i>Toxicology and Applied Pharmacology</i> , <b>2018</b> , 359, 62-69                   | 4.6 | 13 |
| 138 | Grinding levels of raspberry pomace affect intestinal microbial activity, lipid and glucose metabolism in Wistar rats. <i>Food Research International</i> , <b>2019</b> , 120, 399-406  | 7   | 12 |
| 137 | Disparate metabolic effects of blackcurrant seed oil in rats fed a basal and obesogenic diet. <i>European Journal of Nutrition</i> , <b>2015</b> , 54, 991-9  | 5.2 | 12 |
| 136 | Protocatechuic acid and quercetin glucosides in onions attenuate changes induced by high fat diet in rats. <i>Food and Function</i> , <b>2020</b> , 11, 3585-3597   | 6.1 | 12 |
| 135 | Beneficial effects of increasing dietary levels of yellow lupine ( <i>Lupinus luteus</i> ) seed meal on productivity parameters and gastrointestinal tract physiology in eight-week-old turkeys. <i>Animal Feed Science and Technology</i> , <b>2016</b> , 211, 189-198 | 3   | 12 |
| 134 | Nutrient digestibility and colonic fermentation processes in species of the families Mustelidae and Canidae fed the same diet. <i>Journal of Experimental Zoology</i> , <b>2015</b> , 323, 637-44   |     | 12 |
| 133 | The effect of the administration of cellulose and fructans with different degree of polymerization to rats on caecal fermentation and biochemical indicators in the serum. <i>Czech Journal of Animal Science</i> , <b>2011</b> , 50, 273-280                           | 1.1 | 12 |
| 132 | Application of soybean meal, soy protein concentrate and isolate differing in galactosides content to low- and high-fibre diets in growing turkeys. <i>Journal of Animal Physiology and Animal Nutrition</i> , <b>2010</b> , 94, 561-70                                 | 2.6 | 12 |
| 131 | Dose-dependent effects of polyphenolic extracts from green tea, blue-berried honeysuckle, and chokeberry on rat caecal fermentation processes. <i>Planta Medica</i> , <b>2011</b> , 77, 888-93  | 3.1 | 12 |

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|-----|--|-----|----|
| 130 | Performance and caecal adaptation of turkeys to diets without or with antibiotic and with different levels of mannan-oligosaccharide. <i>Archives of Animal Nutrition</i> , <b>2004</b> , 58, 367-78                                     | 2.7 | 12 |
| 129 | Effects of dietary soyabean, rapeseed and linseed oils on performance, slaughter yield and fatty acid profile of breast meat in turkeys. <i>Journal of Animal and Feed Sciences</i> , <b>2012</b> , 21, 143-156                          | 1.5 | 12 |
| 128 | Influence of oligosaccharide extracts from pea and lupin seeds on caecal fermentation in rats. <i>Journal of Animal and Feed Sciences</i> , <b>2003</b> , 12, 289-298  | 1.5 | 12 |
| 127 | Copper nanoparticles modify the blood plasma antioxidant status and modulate the vascular mechanisms with nitric oxide and prostanoids involved in Wistar rats. <i>Pharmacological Reports</i> , <b>2019</b> , 71, 509-516               | 3.9 | 12 |
| 126 | Protective Effects of Ellagitannin-Rich Strawberry Extracts on Biochemical and Metabolic Disturbances in Rats Fed a Diet High in Fructose. <i>Nutrients</i> , <b>2018</b> , 10,  | 6.7 | 12 |
| 125 | Comparative Effects of Native and Defatted Flaxseeds on Intestinal Enzyme Activity and Lipid Metabolism in Rats Fed a High-Fat Diet Containing Cholic Acid. <i>Nutrients</i> , <b>2018</b> , 10,   | 6.7 | 12 |
| 124 | The Nutritional Value and Physiological Properties of Diets with Raw and -Fermented Lupin Seeds in Rats. <i>Food Technology and Biotechnology</i> , <b>2015</b> , 53, 286-297  | 2.1 | 11 |
| 123 | Influence of diets to Wistar rats supplemented with soya, flaxseed and lupine products treated by lactofermentation to improve their gut health. <i>International Journal of Food Sciences and Nutrition</i> , <b>2013</b> , 64, 730-9   | 3.7 | 11 |
| 122 | The effect of different dietary levels of vitamin E and selenium on antioxidant status and immunological markers in serum of laying hens. <i>Polish Journal of Veterinary Sciences</i> , <b>2013</b> , 16, 333-9                         | 0.7 | 11 |
| 121 | Cannabis-derived cannabidiol and nanoselenium improve gut barrier function and affect bacterial enzyme activity in chickens subjected to <i>C. perfringens</i> challenge. <i>Veterinary Research</i> , <b>2020</b> , 51, 141             | 3.8 | 11 |
| 120 | Growth performance, gastrointestinal function and meat quality in growing-finishing turkeys fed diets with different levels of yellow lupine ( <i>L. luteus</i> ) seeds. <i>Archives of Animal Nutrition</i> , <b>2014</b> , 68, 211-267 | 2.7 | 10 |
| 119 | Biological properties of fructooligosaccharides with different contents of kestose and nystose in rats. <i>Archives of Animal Nutrition</i> , <b>2005</b> , 59, 247-56   | 2.7 | 10 |
| 118 | Effects of inulin supplemented to cellulose-free or cellulose-rich diets on caecal environment and biochemical blood parameters in rats. <i>Journal of Animal and Feed Sciences</i> , <b>2009</b> , 18, 709-722                          | 1.5 | 10 |
| 117 | Influence of the Form of Administration of Chlorogenic Acids on Oxidative Stress Induced by High fat Diet in Rats. <i>Plant Foods for Human Nutrition</i> , <b>2017</b> , 72, 184-191  | 3.9 | 9  |
| 116 | The interaction between resveratrol and two forms of copper as carbonate and nanoparticles on antioxidant mechanisms and vascular function in Wistar rats. <i>Pharmacological Reports</i> , <b>2019</b> , 71, 862-869                    | 3.9 | 9  |
| 115 | Dietary strawberry seed oil affects metabolite formation in the distal intestine and ameliorates lipid metabolism in rats fed an obesogenic diet. <i>Food and Nutrition Research</i> , <b>2015</b> , 59, 26104                           | 3.1 | 9  |
| 114 | Enhancing the nutritional profile of regular wheat bread while maintaining technological quality and adequate sensory attributes. <i>Food and Function</i> , <b>2020</b> , 11, 4732-4751   | 6.1 | 9  |
| 113 | The effect of dietary methionine levels on fattening performance and selected blood and tissue parameters of turkeys. <i>Archives of Animal Nutrition</i> , <b>2016</b> , 70, 127-40   | 2.7 | 9  |

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| 112 | Effects of Lactofermented Beetroot Juice Alone or with N-nitroso-N-methylurea on Selected Metabolic Parameters, Composition of the Microbiota Adhering to the Gut Epithelium and Antioxidant Status of Rats. <i>Nutrients</i> , <b>2015</b> , 7, 5905-15    | 6.7 | 9 |
| 111 | Physiological effects of the dietary application of quark produced with enzyme transglutaminase as a sole protein source in growing rats. <i>International Dairy Journal</i> , <b>2012</b> , 26, 155-161  | 3.5 | 9 |
| 110 | Gastrointestinal tract metabolism of young turkeys fed diets supplemented with pure nystose or a fructooligosaccharide mixture. <i>Archives of Animal Nutrition</i> , <b>2008</b> , 62, 389-403   | 2.7 | 9 |
| 109 | The response of rats to long-term feeding with diets containing oxidized fat. 1. Thermooxidative changes in fat, body weight gain, feed consumption and utilisation. <i>Journal of Animal and Feed Sciences</i> , <b>2000</b> , 9, 137-146                  | 1.5 | 9 |
| 108 | Dietary Chicory Inulin-Rich Meal Exerts Greater Healing Effects than Fructooligosaccharide Preparation in Rats with Trinitrobenzenesulfonic Acid-Induced Necrotic Colitis. <i>Polish Journal of Food and Nutrition Sciences</i> , <b>2019</b> , 69, 147-155 | 3.1 | 9 |
| 107 | Resveratrol modulates the blood plasma levels of Cu and Zn, the antioxidant status and the vascular response of thoracic arteries in copper deficient Wistar rats. <i>Toxicology and Applied Pharmacology</i> , <b>2020</b> , 390, 114877                   | 4.6 | 9 |
| 106 | The Characterization of Ground Raspberry Seeds and the Physiological Response to Supplementation in Hypertensive and Normotensive Rats. <i>Nutrients</i> , <b>2020</b> , 12,  | 6.7 | 8 |
| 105 | Dried fruit pomace inclusion in poultry diet: growth performance, intestinal morphology and physiology. <i>Journal of Animal Science and Biotechnology</i> , <b>2020</b> , 11, 63   | 6   | 8 |
| 104 | Consumption of galactosyl derivatives of polyols beneficially affects cecal fermentation and serum parameters in rats. <i>Nutrition Research</i> , <b>2006</b> , 26, 531-536  | 4   | 8 |
| 103 | Effect of diets varying in the type of dietary fibre and its combination with polyphenols on gut function, microbial activity and antioxidant status in rats. <i>Journal of Animal and Feed Sciences</i> , <b>2016</b> , 25, 250-258                        | 1.5 | 8 |
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- 1 Dietary supplementation with copper nanoparticles influences the markers of oxidative stress and modulates vasodilation of thoracic arteries in young Wistar rats **2020**, 15, e0229282