

# Anjas A Samsudin

## List of Publications by Year in descending order

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69  
papers

1,383  
citations

361413

20  
h-index

395702

33  
g-index

75  
all docs

75  
docs citations

75  
times ranked

1246  
citing authors

#	ARTICLE	IF	CITATIONS
1	Effects of dietary postbiotic and inulin on growth performance, IGF1 and GHR mRNA expression, faecal microbiota and volatile fatty acids in broilers. BMC Veterinary Research, 2016, 12, 163.	1.9	97
2	Biosynthesis of zinc oxide nanoparticles by cell-biomass and supernatant of Lactobacillus plantarum TA4 and its antibacterial and biocompatibility properties. Scientific Reports, 2020, 10, 19996.	3.3	85
3	Effects of Feeding Different Postbiotics Produced by Lactobacillus plantarum on Growth Performance, Carcass Yield, Intestinal Morphology, Gut Microbiota Composition, Immune Status, and Growth Gene Expression in Broilers under Heat Stress. Animals, 2019, 9, 644.	2.3	83
4	Molecular diversity of the foregut bacteria community in the dromedary camel ( <i>Camelus</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 622 T	3.8	74
5	Effects of vitamin E, inorganic selenium, bacterial organic selenium, and their combinations on immunity response in broiler chickens. BMC Veterinary Research, 2018, 14, 249.	1.9	64
6	Dietary Postbiotic Lactobacillus plantarum Improves Serum and Ruminal Antioxidant Activity and Upregulates Hepatic Antioxidant Enzymes and Ruminal Barrier Function in Post-Weaning Lambs. Antioxidants, 2020, 9, 250.	5.1	64
7	Postbiotic L. plantarum RC14 improves ruminal epithelium growth, immune status and upregulates the intestinal barrier function in post-weaning lambs. Scientific Reports, 2019, 9, 9938.	3.3	57
8	The effect of dietary bacterial organic selenium on growth performance, antioxidant capacity, and Selenoproteins gene expression in broiler chickens. BMC Veterinary Research, 2017, 13, 254.	1.9	47
9	Antibacterial Potential of Biosynthesized Zinc Oxide Nanoparticles against Poultry-Associated Foodborne Pathogens: An In Vitro Study. Animals, 2021, 11, 2093.	2.3	45
10	Effects of blend of canola oil and palm oil on nutrient intake and digestibility, growth performance, rumen fermentation and fatty acids in goats. Animal Science Journal, 2016, 87, 1137-1147.	1.4	43
11	Effects of Supplementation of Rumen Protected Fats on Rumen Ecology and Digestibility of Nutrients in Sheep. Animals, 2019, 9, 400.	2.3	43
12	Effects of postbiotic supplementation on growth performance, ruminal fermentation and microbial profile, blood metabolite and GHR, IGF-1 and MCT-1 gene expression in post-weaning lambs. BMC Veterinary Research, 2019, 15, 315.	1.9	42
13	Profiling of rumen fermentation, microbial population and digestibility in goats fed with dietary oils containing different fatty acids. BMC Veterinary Research, 2018, 14, 344.	1.9	31
14	Comparative study of gut microbiota in wild and captive Malaysian Mahseer ( <i>Tor tambroides</i> ). MicrobiologyOpen, 2019, 8, e00734.	3.0	30
15	Cellulolytic Bacteria in the Foregut of the Dromedary Camel ( <i>Camelus dromedarius</i> ). Applied and Environmental Microbiology, 2012, 78, 8836-8839.	3.1	27
16	Supplementation of postbiotic R111 improves antioxidant enzyme activity, upregulated gut barrier genes, and reduced cytokine, acute phase protein, and heat shock protein 70 gene expression levels in heat-stressed broilers. Poultry Science, 2021, 100, 100908.	3.4	25
17	Influence of bacterial organic selenium on blood parameters, immune response, selenium retention and intestinal morphology of broiler chickens. BMC Veterinary Research, 2020, 16, 365.	1.9	25
18	Effects of dietary supplementation of leaves and whole plant of <i>Andrographis paniculata</i> on rumen fermentation, fatty acid composition and microbiota in goats. BMC Veterinary Research, 2017, 13, 349.	1.9	24

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19	Potential of feeding beef cattle with whole corn crop silage and rice straw in Malaysia. <i>Tropical Animal Health and Production</i> , 2018, 50, 1119-1124.	1.4	24
20	Influence of <i>Nigella sativa</i> seeds, <i>Rosmarinus officinalis</i> leaves and their combination on growth performance, immune response and rumen metabolism in Dorper lambs. <i>Tropical Animal Health and Production</i> , 2018, 50, 1011-1023.	1.4	23
21	In vitro study of postbiotics from <i>Lactobacillus plantarum</i> RG14 on rumen fermentation and microbial population. <i>Revista Brasileira De Zootecnia</i> , 2018, 47, .	0.8	23
22	Serum fatty acids, biochemical indices and antioxidant status in goats fed canola oil and palm oil blend. <i>Journal of Animal Science and Technology</i> , 2016, 58, 6.	2.5	20
23	Effects of naturally-produced lovastatin on feed digestibility, rumen fermentation, microbiota and methane emissions in goats over a 12-week treatment period. <i>PLoS ONE</i> , 2018, 13, e0199840.	2.5	20
24	Effect of Selenium Sources on Laying Performance, Egg Quality Characteristics, Intestinal Morphology, Microbial Population and Digesta Volatile Fatty Acids in Laying Hens. <i>Animals</i> , 2021, 11, 1681.	2.3	20
25	Effects of vegetable oil supplementation on rumen fermentation and microbial population in ruminant: a review. <i>Tropical Animal Health and Production</i> , 2021, 53, 422.	1.4	19
26	Potential of four corn varieties at different harvest stages for silage production in Malaysia. <i>Asian-Australasian Journal of Animal Sciences</i> , 2019, 32, 224-232.	2.4	19
27	Growth Performance, Carcass Characteristics and Meat Yield of Boer Goats Fed Diets Containing Leaves or Whole Parts of <i>Andrographis paniculata</i> . <i>Asian-Australasian Journal of Animal Sciences</i> , 2014, 27, 503-510.	2.4	18
28	Carcass traits, meat yield and fatty acid composition of adipose tissues and Supraspinatus muscle in goats fed blend of canola oil and palm oil. <i>Journal of Animal Science and Technology</i> , 2015, 57, 42.	2.5	17
29	Influence of <i>Crotalaria</i> oil on <i>in vitro</i> rumen fermentation, metabolism and apparent biohydrogenation of fatty acids. <i>Animal Science Journal</i> , 2015, 86, 270-278.	1.4	17
30	Effect of Microbiota-Selenoprotein on Meat Selenium Content and Meat Quality of Broiler Chickens. <i>Animals</i> , 2020, 10, 981.	2.3	17
31	Effect of Sodium Selenite, Selenium Yeast, and Bacterial Enriched Protein on Chicken Egg Yolk Color, Antioxidant Profiles, and Oxidative Stability. <i>Foods</i> , 2021, 10, 871.	4.3	17
32	Dietary Supplementation of Postbiotics Mitigates Adverse Impacts of Heat Stress on Antioxidant Enzyme Activity, Total Antioxidant, Lipid Peroxidation, Physiological Stress Indicators, Lipid Profile and Meat Quality in Broilers. <i>Animals</i> , 2020, 10, 982.	2.3	16
33	Dietary supplementation of different parts of <i>Andrographis paniculata</i> affects the fatty acids, lipid oxidation, microbiota, and quality attributes of longissimus muscle in goats. <i>Food Research International</i> , 2018, 111, 699-707.	6.2	13
34	Isolation and Characterisation of Sulphur Oxidizing Bacteria Isolated from Hot Spring in Malaysia for Biological Deodorisation of Hydrogen Sulphide in Chicken Manure. <i>Media Peternakan</i> , 2017, 40, 178-187.	0.3	13
35	Effects of feeding goats with <i>Leucaena leucocephala</i> and <i>Manihot esculenta</i> leaves supplemented diets on rumen fermentation profiles, urinary purine derivatives and rumen microbial population. <i>Journal of Applied Animal Research</i> , 2017, 45, 409-416.	1.2	12
36	Carob seed germ meal as a partial soybean meal replacement in the diets of red hybrid tilapia. <i>Egyptian Journal of Aquatic Research</i> , 2017, 43, 337-343.	2.2	12

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37	Meat Quality, Fatty Acid Content and NMR Metabolic Profile of Dorper Sheep Supplemented with Bypass Fats. <i>Foods</i> , 2021, 10, 1133.	4.3	10
38	Fatty acid composition, cholesterol and antioxidant status of infraspinatus muscle, liver and kidney of goats fed blend of palm oil and canola oil. <i>Italian Journal of Animal Science</i> , 2016, 15, 181-190.	1.9	9
39	Effects of corn supplementation on meat quality and fatty acid composition of Dorper lambs fed PKC-Urea treated rice straw. <i>BMC Veterinary Research</i> , 2019, 15, 233.	1.9	9
40	Gut microflora and intestinal morphology changes of broiler chickens fed reducing dietary protein supplemented with lysine, methionine, and threonine in tropical environment. <i>Revista Brasileira De Zootecnia</i> , 0, 48, .	0.8	9
41	Rumen microbial community and nitrogen metabolism in goats fed blend of palm oil and canola oil. <i>Italian Journal of Animal Science</i> , 2016, 15, 666-672.	1.9	8
42	Effect of corn supplementation on purine derivatives and rumen fermentation in sheep fed PKC and urea-treated rice straw. <i>Tropical Animal Health and Production</i> , 2018, 50, 1859-1864.	1.4	8
43	Effects of Corn Supplementation into PKC-Urea Treated Rice Straw Basal Diet on Hematological, Biochemical Indices and Serum Mineral Level in Lambs. <i>Animals</i> , 2019, 9, 781.	2.3	8
44	Glycerol as an Energy Source for Ruminants: A Meta-Analysis of in Vitro Experiments. <i>Media Peternakan</i> , 2016, 39, 189-194.	0.3	8
45	Effects of dietary <i>Kleinhovia hospita</i> and <i>Leucaena leucocephala</i> leaves on rumen fermentation and microbial population in goats fed treated rice straw. <i>Tropical Animal Health and Production</i> , 2017, 49, 1749-1756.	1.4	7
46	Can treatment of <i>Brachiaria decumbens</i> (signal grass) improve its utilisation in the diet in small ruminants?â€”a review. <i>Tropical Animal Health and Production</i> , 2018, 50, 1727-1732.	1.4	7
47	Effects of naturally-produced lovastatin on carcass characteristics, muscle physico-chemical properties and lipid oxidation and cholesterol content in goats. <i>Meat Science</i> , 2019, 154, 61-68.	5.5	7
48	The effect of fibre source on the numbers of some fibre-degrading bacteria of Arabian camelâ€™s ( <i>Camelus dromedarius</i> ) foregut origin. <i>Tropical Animal Health and Production</i> , 2014, 46, 1161-1166.	1.4	6
49	Effects of glycerol and chestnut tannin addition in cassava leaves ( <i>Manihot esculenta</i> Crantz) on silage quality and <i>in vitro</i> rumen fermentation profiles. <i>Journal of Applied Animal Research</i> , 2018, 46, 1207-1213.	1.2	6
50	Effects of corn supplementation on the antioxidant activity, selected minerals, and gene expression of selenoprotein and metallothionein in serum, liver, and kidney of sheep-fed palm kernel cake: urea-treated rice straw diets. <i>3 Biotech</i> , 2019, 9, 146.	2.2	6
51	Nutritive and Anti-Nutritive Evaluation of <i>Kleinhovia hospita</i> , <i>Leucaena leucocephala</i> and <i>Gliricidia sepium</i> with Respect to Their Effects on <i>in Vitro</i> Rumen Fermentation and Gas Production. <i>Tropical Animal Science Journal</i> , 2018, 41, 128-136.	0.7	6
52	Effects of bacterial organic selenium, selenium yeast and sodium selenite on antioxidant enzymes activity, serum biochemical parameters, and selenium concentration in Lohman brown-classic hens. <i>Veterinary Research Communications</i> , 2022, 46, 431-445.	1.6	6
53	Effects of dietary oil blend on fatty acid composition, oxidative stability and physicochemical properties of <i>Longissimus thoracis et lumborum</i> muscle in goats. <i>Animal Science Journal</i> , 2016, 87, 1421-1432.	1.4	5
54	Characterization and Identification of Organic Selenium-enriched Bacteria Isolated from Rumen Fluid and Hot Spring Water. <i>Microbiology and Biotechnology Letters</i> , 2017, 45, 343-353.	0.4	5

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55	The Growth Efficiency and Carcass Characteristics of Dorper Sheep Treated by Corn Inclusion as Energy into Palm Kernel Cake Based-Diet.. <i>Tropical Animal Science Journal</i> , 2018, 41, 29-36.	0.7	5
56	Chemical Compositions of Brown and Green Seaweed, and Effects on Nutrient Digestibility in Broiler Chickens. <i>Animals</i> , 2021, 11, 2147.	2.3	4
57	Profiling of Rumen Fermentation and Microbial Population Changes in Goats Fed with Napier Grass Supplemented with Whole Corn Plant Silage. <i>Asian Journal of Animal Sciences</i> , 2015, 10, 1-14.	0.1	4
58	Pre-treating carob seed germ meal enhanced digestibility, growth performance and feed utilisation in red tilapia ( <i>Oreochromis sp.</i> ). <i>Animal Feed Science and Technology</i> , 2021, 278, 114976.	2.2	3
59	Effect of organic and inorganic dietary selenium supplementation on gene expression in oviduct tissues and Selenoproteins gene expression in Lohman Brown-classic laying hens. <i>BMC Veterinary Research</i> , 2021, 17, 281.	1.9	2
60	Reduction of Hydrogen Sulphide in Chicken Manure by Immobilized Sulphur Oxidising Bacteria Isolated from Hot Spring. <i>Microbiology and Biotechnology Letters</i> , 2019, 47, 116-124.	0.4	2
61	Effect of energy to protein ratio using alternative feed ingredients on growth performance and nutrient digestibility in broilers. <i>Indian Journal of Animal Research</i> , 2019, , .	0.1	2
62	In vitro gas production of legume <i>Bauhinia purpurea</i> , <i>Cassia alata</i> and <i>Macroptilium atropurpureum</i> . <i>IOP Conference Series: Materials Science and Engineering</i> , 2018, 434, 012118.	0.6	1
63	Extracted Saponin from <i>Sapindus rarak</i> and <i>Hibiscus sp.</i> as an Additive in Cassava Leaf Silage: Effects on Chemical Composition, Rumen Fermentation and Microbial Population. <i>Advances in Animal and Veterinary Sciences</i> , 2019, 7, .	0.2	1
64	Sugar, Acid Soluble Polysaccharide, and Total Phenolic Contents in Tropical Legumes and Their Relationships with In Vitro Nutrient Fermentability. <i>Tropical Animal Science Journal</i> , 2020, 43, 331-338.	0.7	1
65	The potential of tropical grass as a feed in ruminant by using an in vitro gas production. <i>MATEC Web of Conferences</i> , 2018, 197, 06005.	0.2	0
66	Effect of napier grass supplemented with <i>Cliricidia sepium</i> , <i>Sapindus rarak</i> or <i>Hibiscus rosa-sinensis</i> on in vitro rumen fermentation profiles and methanogenesis. <i>Journal of the Indonesian Tropical Animal Agriculture</i> , 2019, 44, 167.	0.4	0
67	In vitro fermentation profiles of palm kernel meal (PKM)-based diet supplemented with xylanase or cellulase using caecal digesta of broiler chickens as inoculums. <i>IOSR Journal of Agriculture and Veterinary Science</i> , 2014, 7, 30-36.	0.1	0
68	Effects of Dietary Oil Supplementation with Different Fatty Acid Profiles on Rumen Fibre Degrading Bacteria Population in Goats. , 2016, , .		0
69	Histopathological Effects of Different Levels of Palm Kernel Cake Fed to Dorper Lambs. <i>Yuzuncu Yil University Journal of Agricultural Sciences</i> , 0, , 807-812.	0.3	0