## Aduli Enoch Othniel Malau-Aduli

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/4148613/publications.pdf

Version: 2024-02-01

111 papers 1,967

331259 21 h-index 301761 39 g-index

116 all docs

 $\begin{array}{c} 116 \\ \\ \text{docs citations} \end{array}$ 

times ranked

116

1971 citing authors

#	Article	IF	Citations
1	Enablers and barriers to effective diabetes self-management: A multi-national investigation. PLoS ONE, 2019, 14, e0217771.	1.1	171
2	<i>Spirulina</i> as a livestock supplement and animal feed. Journal of Animal Physiology and Animal Nutrition, 2013, 97, 615-623.	1.0	164
3	A comparison of the fatty acid composition of triacylglycerols in adipose tissue from Limousin and Jersey cattle. Australian Journal of Agricultural Research, 1997, 48, 715.	1.5	138
4	Genetic variation in fatness and fatty acid composition of crossbred cattle1. Journal of Animal Science, 2002, 80, 2825-2832.	0.2	125
5	Breed comparison of the fatty acid composition of muscle phospholipids in Jersey and Limousin cattle Journal of Animal Science, 1998, 76, 766.	0.2	109
6	Enhancing Omega-3 Long-Chain Polyunsaturated Fatty Acid Content of Dairy-Derived Foods for Human Consumption. Nutrients, 2019, 11, 743.	1.7	67
7	Physical Activity Promotion: A Systematic Review of The Perceptions of Healthcare Professionals. International Journal of Environmental Research and Public Health, 2020, 17, 4358.	1.2	65
8	Users' preferences and design recommendations to promote engagements with mobile apps for diabetes self-management: Multi-national perspectives. PLoS ONE, 2018, 13, e0208942.	1.1	58
9	Diet and Genetics Influence Beef Cattle Performance and Meat Quality Characteristics. Foods, 2019, 8, 648.	1.9	57
10	The development of My Care Hub Mobile-Phone App to Support Self-Management in Australians with Type 1 or Type 2 Diabetes. Scientific Reports, 2020, 10, 7.	1.6	50
11	Considerations for the Development of Mobile Phone Apps to Support Diabetes Self-Management: Systematic Review. JMIR MHealth and UHealth, 2018, 6, e10115.	1.8	49
12	Growth and Body Conformation Responses of Genetically Divergent Australian Sheep to Spirulina (Arthrospira platensis) Supplementation. American Journal of Experimental Agriculture, 2012, 2, 160-173.	0.2	45
13	Omega-3 fatty acids, nutrient retention values, and sensory meat eating quality in cooked and raw Australian lamb. Meat Science, 2017, 123, 79-87.	2.7	36
14	Main regulatory factors of marbling level in beef cattle. Veterinary and Animal Science, 2021, 14, 100219.	0.6	35
15	Systematic review of gender differences in the epidemiology and risk factors of exertional heat illness and heat tolerance in the armed forces. BMJ Open, 2020, 10, e031825.	0.8	32
16	Breed differences and genetic parameters for melting point, marbling score and fatty acid composition of lot-fed cattle. Journal of Animal Physiology and Animal Nutrition, 2000, 83, 95-105.	1.0	29
17	Epidemiology of Exertional Heat Illness in the Military: A Systematic Review of Observational Studies. International Journal of Environmental Research and Public Health, 2020, 17, 7037.	1.2	27
18	Sire breed and sex effects on the fatty acid composition and content of heart, kidney, liver, adipose and muscle tissues of purebred and first-cross prime lambs. Animal Production Science, 2016, 56, 2122.	0.6	24

#	Article	IF	CITATIONS
19	Fatty acid profiles of muscle, liver, heart and kidney of Australian prime lambs fed different polyunsaturated fatty acids enriched pellets in a feedlot system. Scientific Reports, 2019, 9, 1238.	1.6	23
20	Supplementation with plant-derived oils rich in omega-3 polyunsaturated fatty acids for lamb production. Veterinary and Animal Science, 2018, 6, 29-40.	0.6	22
21	Effects of Spirulina (Arthrospira platensis) supplementation level and basal diet on liveweight, body conformation and growth traits in genetically divergent Australian dual-purpose lambs during simulated drought and typical pasture grazing. Small Ruminant Research, 2014, 120, 6-14.	0.6	21
22	Genetics of Omega-3 Long-Chain Polyunsaturated Fatty Acid Metabolism and Meat Eating Quality in Tattykeel Australian White Lambs. Genes, 2020, 11, 587.	1.0	21
23	Effect of dietary supplementation with Spirulina on the expressions of AANAT, ADRB3, BTG2 and FASN genes in the subcutaneous adipose and Longissimus dorsi muscle tissues of purebred and crossbred Australian sheep. Journal of Animal Science and Technology, 2015, 57, 8.	0.8	19
24	Methane Emissions and the Use of Desmanthus in Beef Cattle Production in Northern Australia. Animals, 2019, 9, 542.	1.0	19
25	Heterosis, sex and breed differences in the fatty acid composition of muscle phospholipids in beef cattle. Journal of Animal Physiology and Animal Nutrition, 2000, 83, 113-120.	1.0	18
26	Variations in liveweight gains, milk yield and composition of Red Sokoto goats fed crop-residue-based supplements in the subhumid zone of Nigeria. Livestock Science, 2003, 83, 63-71.	1.2	17
27	Comparative evaluation of a new lactation curve model for pasture-based Holstein-Friesian dairy cows. Journal of Dairy Science, 2012, 95, 5344-5356.	1.4	17
28	Supplementing Northern Australian Beef Cattle with Desmanthus Tropical Legume Reduces In-Vivo Methane Emissions. Animals, 2020, 10, 2097.	1.0	17
29	User Retention and Engagement With a Mobile App Intervention to Support Self-Management in Australians With Type $1$ or Type $2$ Diabetes (My Care Hub): Mixed Methods Study. JMIR MHealth and UHealth, 2020, 8, e $17802$ .	1.8	17
30	Estimates of genetic parameters for triacylglycerol fatty acids in beef castle at weaning and slaughter. Journal of Animal Physiology and Animal Nutrition, 2000, 83, 169-180.	1.0	16
31	Effect of Level of Spirulina Supplementation on the Fatty Acid Compositions of Adipose, Muscle, Heart, Kidney and Liver Tissues in Australian Dual-Purpose Lambs. Annals of Animal Science, 2015, 15, 945-960.	0.6	14
32	Crop-residue supplementation of pregnant does influences birth weight and weight gain of kids, daily milk yield but not the progesterone profile of Red Sokoto goats. Reproduction, Nutrition, Development, 2004, 44, 111-121.	1.9	13
33	Genetic association between <i>GHSR1a</i> 5′UTRâ€microsatellite and ntâ€7(C>A) loci and growth and carcass traits in Japanese Black cattle. Animal Science Journal, 2011, 82, 396-405.	0.6	13
34	Nucleotide polymorphisms and the 5′â€UTR transcriptional analysis of the bovine growth hormone secretagogue receptor 1a ( <i>GHSR1a</i> ) gene. Animal Science Journal, 2010, 81, 530-550.	0.6	12
35	Comparative study of milk compositions of cattle, sheep and goats in Nigeria. Animal Science Journal, 2002, 73, 541-544.	0.6	11
36	Omega–3 Long-Chain Fatty Acids in the Heart, Kidney, Liver and Plasma Metabolite Profiles of Australian Prime Lambs Supplemented with Pelleted Canola and Flaxseed Oils. Nutrients, 2017, 9, 893.	1.7	11

#	Article	lF	CITATIONS
37	Correlations between growth and wool quality traits of genetically divergent Australian lambs in response to canola or flaxseed oil supplementation. PLoS ONE, 2019, 14, e0208229.	1.1	11
38	Functionality of Physical Activity Referral Schemes (PARS): A Systematic Review. Frontiers in Public Health, 2020, 8, 257.	1.3	11
39	Genetic Variation in Intramuscular Fat of Prime Lambs Supplemented with Varying Concentrations of Degummed Crude Canola Oil. International Journal of Nutrition and Food Sciences, 2014, 3, 203.	0.3	11
40	Chemical compositions, feed intakes and digestibilities of crop residue based rations in non-lactating Red Sokoto goats in the subhumid zone of Nigeria. Animal Science Journal, 2003, 74, 89-94.	0.6	10
41	Mapping the quantitative trait loci (QTL) for body shape and conformation measurements on BTA1 in Japanese Black cattle. Animal Science Journal, 2005, 76, 19-27.	0.6	10
42	East Friesian sheep carry a <i>Myostatin</i> allele known to cause muscle hypertrophy in other breeds. Animal Genetics, 2010, 41, 445-446.	0.6	10
43	Effect of Spirulina supplementation on plasma metabolites in crossbred and purebred Australian Merino lambs. International Journal of Veterinary Science and Medicine, 2015, 3, 13-20.	0.8	10
44	Quality assured assessment processes. Higher Education Management and Policy, 2011, 23, 1-24.	0.4	10
45	Breed differences and heterosis in triacylglycerol fatty acid composition of bovine adipose tissue. Journal of Animal Physiology and Animal Nutrition, 2000, 83, 106-112.	1.0	9
46	Enhanced Omega-3 Polyunsaturated Fatty Acid Contents in Muscle and Edible Organs of Australian Prime Lambs Grazing Lucerne and Cocksfoot Pastures. Nutrients, 2018, 10, 1985.	1.7	9
47	Enhancement of dairy sheep cheese eating quality with increased n-3 long-chain polyunsaturated fatty acids. Journal of Dairy Science, 2019, 102, 211-222.	1.4	9
48	MARGRA Lamb Eating Quality and Human Health-Promoting Omega-3 Long-Chain Polyunsaturated Fatty Acid Profiles of Tattykeel Australian White Sheep: Linebreeding and Gender Effects. Antioxidants, 2020, 9, 1118.	2.2	9
49	Level of Inclusiveness of People with Disabilities in Ghanaian Health Policies and Reports: A Scoping Review. Disabilities, 2021, 1, 257-277.	0.5	9
50	Reproduction and Fertility Parameters of Dairy Cows Supplemented with Omega-3 Fatty Acid-rich Canola Oil. Annual Research & Review in Biology, 2014, 4, 1611-1636.	0.4	9
51	Age-related changes in gene expression of the growth hormone secretagogue and growth hormone-releasing hormone receptors in Holstein-Friesian cattle. Domestic Animal Endocrinology, 2012, 42, 83-93.	0.8	8
52	Effect of concentrate supplementation on nutrient digestibility and growth of Brahman crossbred cattle fed a basal diet of grass and rice straw. Journal of Animal Science and Technology, 2015, 57, 35.	0.8	8
53	Degummed crude canola oil, sire breed and gender effects on intramuscular long-chain omega-3 fatty acid properties of raw and cooked lamb meat. Journal of Animal Science and Technology, 2017, 59, 17.	0.8	8
54	Growth performance and carcass characteristics of Australian prime lambs supplemented with pellets containing canola oil or flaxseed oil. Animal Production Science, 2018, 58, 2100.	0.6	8

#	Article	IF	CITATIONS
55	Next Generation Sequencing of Single Nucleotide Polymorphic DNA-Markers in Selecting for Intramuscular Fat, Fat Melting Point, Omega-3 Long-Chain Polyunsaturated Fatty Acids and Meat Eating Quality in Tattykeel Australian White MARGRA Lamb. Foods, 2021, 10, 2288.	1.9	8
56	Influence of crop residue ration supplementation on the attainment of puberty and postpartum reproductive activities of Red Sokoto goats. Journal of Animal Physiology and Animal Nutrition, 2005, 89, 11-19.	1.0	7
57	Supplementing Grazing Dairy Ewes with Plantâ€Derived Oil and Rumenâ€Protected EPA+DHA Pellets Enhances Healthâ€Beneficial nâ^3 Longâ€Chain Polyunsaturated Fatty Acids in Sheep Milk. European Journal of Lipid Science and Technology, 2018, 120, 1700256.	1.0	7
58	Efficacy and Acceptability of My Care Hub Mobile App to Support Self-Management in Australians with Type 1 or Type 2 Diabetes. International Journal of Environmental Research and Public Health, 2020, 17, 2573.	1.2	7
59	Nutritional Enhancement of Health Beneficial Omega-3 Long-Chain Polyunsaturated Fatty Acids in the Muscle, Liver, Kidney, and Heart of Tattykeel Australian White MARGRA Lambs Fed Pellets Fortified with Omega-3 Oil in a Feedlot System. Biology, 2021, 10, 912.	1.3	7
60	Degummed Crude Canola Oil Supplementation Affects Fat Depot Melting Points in Purebred and First-Cross Merino Sheep. Animal and Veterinary Sciences, 2014, 2, 75.	0.1	7
61	Influence of Supplementing Pasture-Based Primiparous Holstein- Friesian Dairy Cows with Crude Degummed Canola Oil on Milk Fatty Acid Composition. Journal of Nutritional Therapeutics, 2014, 3, 55-66.	0.2	7
62	Mobile application intervention to promote self-management in insulin-requiring type 1 and type 2 diabetes individuals: protocol for a mixed methods study and non-blinded randomized controlled trial trial Diabetes Metabolic Syndrome and Obesity: Targets and Therapy 2019 Volume 12 789-800	1.1	6
63	Effectiveness of Integrated Health Systems in Africa: A Systematic Review. Medicina (Lithuania), 2020, 56, 271.	0.8	6
64	Individual Anthropometric, Aerobic Capacity and Demographic Characteristics as Predictors of Heat Intolerance in Military Populations. Medicina (Lithuania), 2021, 57, 173.	0.8	6
65	Response to Climate Change: Evaluation of Methane Emissions in Northern Australian Beef Cattle on a High Quality Diet Supplemented with Desmanthus Using Open-Circuit Respiration Chambers and GreenFeed Emission Monitoring Systems. Biology, 2021, 10, 943.	1.3	6
66	Association of Bovine Fatty Acid Desaturase 2 Gene Single-Nucleotide Polymorphisms with Intramuscular Fatty Acid Composition in Japanese Black Steers. Open Journal of Animal Sciences, 2016, 06, 105-115.	0.2	6
67	Lipid Metabolism, Carcass Characteristics and Longissimus dorsi Muscle Fatty Acid Composition of Tropical Crossbred Beef Cattle in Response to Desmanthus spp. Forage Backgrounding. Metabolites, 2021, 11, 804.	1.3	6
68	Scrotal circumference, bodyweight and serum testosterone concentration of Red Sokoto weaner bucks as influenced by dry season crop-residue supplementation. Animal Science Journal, 2003, 74, 195-203.	0.6	5
69	Performance and carcass characteristics of Australian purebred and crossbred lambs supplemented with Rice Bran. Journal of Animal Science and Technology, 2015, 57, 36.	0.8	5
70	Molecular genetics-nutrition interactions in the expression of AANAT, ADRB3, BTG2 and FASN genes in the heart, kidney and liver of Australian lambs supplemented with Spirulina (Arthrospira platensis). Genes and Genomics, 2015, 37, 633-644.	0.5	5
71	The Efficacy of School-Based Interventions in Preventing Adolescent Obesity in Australia. Healthcare (Switzerland), 2020, 8, 514.	1.0	5
72	Plasma Metabolites, Productive Performance and Rumen Volatile Fatty Acid Profiles of Northern Australian Bos indicus Steers Supplemented with Desmanthus and Lucerne. Metabolites, 2021, 11, 356.	1.3	5

#	Article	IF	CITATIONS
73	Spirulina Supplementation, Sire Breed, Sex and Basal Diet Effects on Lamb Intramuscular Fat Percentage and Fat Melting Points. International Journal of Veterinary Medicine Research & Reports, 0, , 1-9.	0.0	5
74	Mitochondrial DNA Polymorphism, Maternal Lineage and Correlations with Postnatal Growth of Japanese Black Beef Cattle to Yearling Age. Asian-Australasian Journal of Animal Sciences, 2004, 17, 1484-1490.	2.4	5
75	The practice of integrated healthcare and the experiences of people in Ghana's Ashanti region. BMC Health Services Research, 2022, 22, 32.	0.9	5
76	Effect of incremental proportions of Desmanthus spp. in isonitrogenous forage diets on growth performance, rumen fermentation and plasma metabolites of pen-fed growing Brahman, Charbray and Droughtmaster crossbred beef steers. PLoS ONE, 2022, 17, e0260918.	1.1	5
77	Genetic and environmental factors influencing milk, protein and fat yields of pasture-based dairy cows in Tasmania. Animal Production Science, 2010, 50, 265.	0.6	4
78	Evaluation of a Nutrition Model in Predicting Performance of Vietnamese Cattle. Asian-Australasian Journal of Animal Sciences, 2012, 25, 1237-1247.	2.4	4
79	Effect of crude degummed canola oil and ad libitumgrazing on plasma metabolites of primiparous Holstein-Friesian cows in a pasture-based system. BMC Veterinary Research, 2014, 10, 224.	0.7	4
80	Effect of dietary supplementation of pasture-based primiparous Holstein-Friesian cows with degummed crude canola oil on body condition score, liveweight, milk yield and composition. Journal of Applied Animal Research, 2016, 44, 194-200.	0.4	4
81	Estimation Of 305-day Yield From Total Milk Yields In Bunaji And Friesian-bunaji Crosses. Nigerian Journal of Animal Production, 0, 19, 141-145.	0.0	4
82	Growth Performance and Plasma Metabolites of Grazing Beef Cattle Backgrounded on Buffel or Buffel-Desmanthus Mixed Pastures. Animals, 2021, 11, 2355.	1.0	4
83	Nutritional value and sensory characteristics ofmeat eating quality of Australian prime lambs supplemented with pelletedcanola and flaxseed oils: Fatty acid profiles of muscle and adipose tissues. Internal Medicine Review (Washington, D C: Online), 2017, 3, .	0.3	4
84	Sire Genetics, Protein Supplementation and Gender Effects on Wool Comfort Factor in Australian Crossbred Sheep. American Journal of Experimental Agriculture, 2012, 2, 31-46.	0.2	4
85	Optimising care coordination strategies for physical activity referral scheme patients by Australian health professionals. PLoS ONE, 2022, 17, e0270408.	1.1	4
86	Interval mapping of growth quantitative trait loci in Japanese Black beef cattle using microsatellite DNA markers and half-sib regression analysis. Animal Science Journal, 2005, 76, 11-18.	0.6	3
87	Wool Quality Traits of Purebred and Crossbred Merino Lambs Orally Drenched with (i>Spirulina (Arthrospira Platensisi (i>). Italian Journal of Animal Science, 2014, 13, 3174.	0.8	3
88	Spirulina platensis (Arthrospira spp.): A Potential Novel Feed Source For Pasture-Based Dairy Cows. Journal of Fisheries & Livestock Production, 2017, 05, .	0.1	3
89	Supplementing Dairy Ewes Grazing Low Quality Pastures with Plant-Derived and Rumen-Protected Oils Containing Eicosapentaenoic Acid and Docosahexaenoic Acid Pellets Increases Body Condition Score and Milk, Fat, and Protein Yields. Animals, 2018, 8, 241.	1.0	3
90	Novel Encapsulated Calcium Butyrate Supplement Enhances On-Farm Dairy Calf Growth Performance and Body Conformation in a Pasture-Based Dairy Production System. Animals, 2020, 10, 1380.	1.0	3

#	Article	IF	Citations
91	Perceptions and Experiences of Orthodox Health Practitioners and Hospital Administrators towards Integrating Traditional Medicine into the Ghanaian Health System. International Journal of Environmental Research and Public Health, 2021, 18, 11200.	1.2	3
92	Genetics and nutrition impacts on herd productivity in the Northern Australian beef cattle production cycle. Veterinary and Animal Science, 2022, 15, 100228.	0.6	3
93	Effect of incremental levels of crude degummed canola oil on milk progesterone, plasma luteinizing and follicle stimulating hormones of primiparous Holstein–Friesian cows in a pasture-based system. International Journal of Veterinary Science and Medicine, 2014, 2, 122-129.	0.8	2
94	Overdominance Effect of the Bovine Ghrelin Receptor (GHSR1a)-DelR242 Locus on Growth in Japanese Shorthorn Weaner Bulls: Heterozygote Advantage in Bull Selection and Molecular Mechanisms. G3: Genes, Genomes, Genetics, 2015, 5, 271-279.	0.8	2
95	Nutritional Supplements Fortified with Oils from Canola, Flaxseed, Safflower and Rice Bran Improve Feedlot Performance and Carcass Characteristics of Australian Prime Lambs. Animals, 2018, 8, 231.	1.0	2
96	Exploring private school teachers' perspectives on inclusive education: a case study. International Journal of Inclusive Education, 2022, 26, 77-92.	1.5	2
97	Australian patients' perception of the efficacy of the physical activity referral scheme (PARS). Patient Education and Counseling, 2021, 104, 2803-2813.	1.0	2
98	The  PRICE' of Physical Activity Referral Schemes (PARS): Stakeholders' Recommendations for Delivering Quality Care to Patients. International Journal of Environmental Research and Public Health, 2021, 18, 8627.	1.2	2
99	Australian School Stakeholders' Perceived Strategies for Preventing Adolescent Obesity. International Journal of Environmental Research and Public Health, 2021, 18, 9387.	1.2	2
100	Single Nucleotide Polymorphisms of the Ovine ADRB3 Gene in Crossbred Australian Sheep Supplemented with Spirulina (Arthrospira platensis) Cyanobacterial Microalgae. Biomedical Journal of Scientific & Technical Research, 2017, 1, .	0.0	2
101	Haematological, Biochemical and Hormonal Biomarkers of Heat Intolerance in Military Personnel. Biology, 2021, 10, 1068.	1.3	2
102	Relationships between Milk Yield, Post-Partum Body Weight and Reproductive Performance in Friesian x Bunaji Cattle. Asian-Australasian Journal of Animal Sciences, 2001, 14, 1516-1519.	2.4	2
103	Factors affecting egg production and layer bird mortality in private poultry farms in the subhumid zone of Nigeria. Animal Science Journal, 2003, 74, 239-242.	0.6	1
104	Effect of Spirulina (Arthrospira plantensis) Supplementation on Wool Quality in Purebred and Crossbred Merino Lambs Fed Pasture and Lucerne Hay Basal Diets. Journal of Agricultural Science, 2014, 6, .	0.1	1
105	Gene Expression Profiles of Aralkylamine N-Acetyltransferase, B-cell Translocation Gene-2 and Fatty Acid Synthase in Pasture-based Primiparous Holstein-Friesian Dairy Cows Supplemented with Crude Degummed Canola Oil. Advancements in Genetic Engineering, 2015, 04, .	0.1	1
106	Genome-wide scanning for QTL: Mapping methodology and detected QTL in cattle. Journal of Animal Genetics, 2003, 30, 3-16.	0.1	1
107	Measures of Daily Weight Gain in Friesian-Bunaji Crossbred Heifers and Their Relationship with First Lactation Milk Yield. International Journal of Dairy Science, 2007, 2, 380-386.	0.4	1
108	Real-Time PCR and Real-Time RT-PCR Applications in Food Labelling and Gene Expression Studies. International Journal of Genetics and Genomics, 2014, 2, 6.	0.1	1

## Aduli Enoch Othniel

#	Article	IF	CITATIONS
109	Towards Sustainable Sources of Omega-3 Long-Chain Polyunsaturated Fatty Acids in Northern Australian Tropical Crossbred Beef Steers through Single Nucleotide Polymorphisms in Lipogenic Genes for Meat Eating Quality. Sustainability, 2022, 14, 8409.	1.6	1
110	Bovine-Specific Nucleotide Polymorphisms and mRNA Expression of the Growth Hormone Secretagogue Receptor 1a (GHSR1a) Gene and its Genetic Association with Growth and Carcass Traits. Journal of Molecular and Genetic Medicine: an International Journal of Biomedical Research, 2016, 10, .	0.1	0
111	Performance and Carcass Characteristics of Australian Prime Lambs Grazing Lucerne and Cocksfoot Pastures Are Enhanced by Supplementation with Plant Oil Infused Pellets. Applied Sciences (Switzerland), 2021, 11, 7275.	1.3	0