Ignatius Verla Nsahlai

List of Publications by Year
in descending order

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86	1,523	331642 21	377849 34
papers	citations	h-index	g-index

86	86	86	892
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Nutrient requirements of goats: developed equations, other considerations and future research to improve them. Small Ruminant Research, 2004, 53, 191-219.	1.2	108
2	The relationships between gas production and chemical composition of 23 browses of the genusSesbania. Journal of the Science of Food and Agriculture, 1994, 65, 13-20.	3.5	70
3	Graded levels of Sesbania sesban and Leucaena leucocephala as supplements to teff straw given to Ethiopian Menz sheep. Animal Science, 1994, 59, 235-244.	1.3	68
4	Prediction of metabolizable energy requirements for maintenance and gain of preweaning, growing and mature goats. Small Ruminant Research, 2004, 53, 231-252.	1.2	60
5	Effect of supplementing oat hay with lablab, sesbania, tagasaste or wheat middlings on voluntary intake, N utilization and weight gain of Ethiopian Menz sheep. Small Ruminant Research, 1995, 18, 113-120.	1.2	57
6	Metabolizable energy requirements of lactating goats. Small Ruminant Research, 2004, 53, 253-273.	1.2	49
7	Palatability of multipurpose tree species: effect of species and length of study on intake and relative palatability by sheep. Agroforestry Systems, 1996, 33, 249-261.	2.0	44
8	Metabolizable protein requirements for maintenance and gain of growing goats. Small Ruminant Research, 2004, 53, 309-326.	1.2	42
9	Prediction of metabolizable energy and protein requirements for maintenance, gain and fiber growth of Angora goats. Small Ruminant Research, 2004, 53, 339-356.	1.2	41
10	Palatability of wilted and dried multipurpose tree species fed to sheep and goats. Animal Feed Science and Technology, 1997, 65, 151-163.	2.2	38
11	Diet selection of Nguni goats in relation to season, chemistry and physical properties of browse in sub-humid subtropical savanna. Small Ruminant Research, 2012, 102, 163-171.	1.2	36
12	Maintenance energy requirements of goats: predictions based on observations of heat and recovered energy. Small Ruminant Research, 2004, 53, 221-230.	1.2	33
13	Effects of saline water consumption on physiological responses in Nguni goats. Small Ruminant Research, 2017, 153, 209-211.	1.2	33
14	Effect of feeding graded levels of Leucaena leucocephala, Leucaena pallida, Sesbania sesban and Chamaecytisus palmensis supplements to teff straw given to Ethiopian highland sheep. Animal Feed Science and Technology, 1998, 72, 355-366.	2.2	31
15	Genetic and phenotypic diversity in Zulu sheep populations: Implications for exploitation and conservation. Small Ruminant Research, 2009, 84, 100-107.	1.2	31
16	In vitro anthelmintic activity of crude extracts of selected medicinal plants against Haemonchus contortus from sheep. Journal of Helminthology, 2013, 87, 174-179.	1.0	29
17	Effect of form and of quality of feed on the concentrations of purine derivatives in urinary spot samples, daily microbial N supply and predictability of intake. Animal Feed Science and Technology, 2000, 85, 223-238.	2.2	27
18	Determination of prediction equations for estimating body weight of Zulu (Nguni) sheep. Small Ruminant Research, 2009, 84, 41-46.	1.2	27

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19	Degradability of forage protein supplements and their effects on the kinetics of digestion and passage. Small Ruminant Research, 1995, 17, 145-152.	1.2	26
20	Sesbania and lablab supplementation of oat hay basal diet fed to sheep with or without maize grain. Animal Feed Science and Technology, 1996, 61, 275-289.	2.2	22
21	Reproductive performance of South African indigenous goats inoculated with DHP-degrading rumen bacteria and maintained on Leucaena leucocephala/grass mixture and natural pasture. Small Ruminant Research, 2001, 39, 73-85.	1.2	22
22	Effects of groundnut haulms supplementation on millet stover intake, digestibility and growth performance of lambs. Animal Feed Science and Technology, 2011, 169, 176-184.	2.2	22
23	Effect of Leucaena and Sesbania supplementation on body growth and scrotal circumference of Ethiopian highland sheep and goats fed teff straw basal diet. Livestock Science, 1998, 54, 173-181.	1.2	21
24	Voluntary feed intake by lactating, Angora, growing and mature goats. Small Ruminant Research, 2004, 53, 357-378.	1.2	21
25	Effects of supplementation of Brachiaria brizantha cv. PiatÃ¡ and Napier grass with Desmodium distortum on feed intake, digesta kinetics and milk production in crossbred dairy cows. Animal Nutrition, 2018, 4, 222-227.	5.1	21
26	The effect of supplementing teff (Eragrostis tef) straw with graded levels of cowpea (Vigna) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 467 T by crossbred (Friesian Ã— Boran (zebu)) calves. Livestock Science, 1995, 44, 221-228.	1.2	20
27	The effects of shade on performance, carcass classes and behaviour of heat-stressed feedlot cattle at the finisher phase. Tropical Animal Health and Production, 2011, 43, 609-615.	1.4	19
28	The degradability by sheep of fruits of Acacias and leaves of Sesbania sesban and the effects of supplementation with mixtures of browses and oilseed cake on the utilization of teff (Eragrostis tef) straw. Animal Science, 1995, 61, 539-544.	1.3	18
29	Nitrogen in browse species: ruminal degradability and post-ruminal digestibility measured by mobile nylon bag andin vitro techniques. Journal of the Science of Food and Agriculture, 1998, 76, 488-498.	3.5	18
30	Selected southern African medicinal plants with low cytotoxicity and good activity against bovine mastitis pathogens. South African Journal of Botany, 2017, 111, 242-247.	2.5	18
31	Title is missing!. Agroforestry Systems, 2003, 57, 29-37.	2.0	17
32	In vivo effect of selected medicinal plants against gastrointestinal nematodes of sheep. Tropical Animal Health and Production, 2014, 46, 411-417.	1.4	17
33	The rumen digestion of dry matter, nitrogen and cell wall constituents of the pods ofLeucaena leucocephala and someAcacia species. Journal of the Science of Food and Agriculture, 2002, 82, 98-106.	3.5	16
34	Effect of supplementing veld hay with a dry meal or silage from pods of Acacia sieberiana with or without wheat bran on voluntary intake, digestibility, excretion of purine derivatives, nitrogen utilization, and weight gain in South African Merino sheep. Livestock Science, 2002, 77, 253-264.	1.2	15
35	Metabolizable protein requirements of lactating goats. Small Ruminant Research, 2004, 53, 327-337.	1.2	15
36	Farmer perceptions on factors influencing water scarcity for goats in resource-limited communal farming environments. Tropical Animal Health and Production, 2018, 50, 1617-1623.	1.4	15

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37	Inter-relationships between chemical constituents, rumen dry matter and nitrogen degradability in fresh leaves of multipurpose trees. Journal of the Science of Food and Agriculture, 1995, 69, 235-246.	3.5	14
38	Influence of feeding sheep on oilseed cake following the consumption of tanniferous feeds. Livestock Science, 1999, 60, 59-69.	1.2	14
39	The effects of graded levels of dietary tannin on the epithelial tissue of the gastro-intestinal tract and liver and kidney masses of Boer goats. Animal Science, 2002, 74, 579-586.	1.3	14
40	Effect of feeding legume pods or alfalfa in combination with poor quality grass straw on microbial enzyme activity and production of VFA in the rumen of South African Merino sheep. Small Ruminant Research, 2003, 48, 83-94.	1.2	14
41	Ensilage as a means of reducing the concentration of cyanogenic glycosides in the pods ofAcacia sieberiana and the effect of additives on silage quality. Journal of the Science of Food and Agriculture, 2004, 84, 521-529.	3.5	14
42	Diet selection of goats depends on season: roles of plant physical and chemical traits. African Journal of Range and Forage Science, 2014, 31, 209-214.	1.4	14
43	Nutritional values of available ruminant feed resources in smallholder dairy farms in Rwanda. Tropical Animal Health and Production, 2015, 47, 1131-1137.	1.4	14
44	Seasonal variations in diet selection of Nguni goats: effects of physical and chemical traits of browse. African Journal of Range and Forage Science, 2015, 32, 193-201.	1.4	14
45	Effect of Fasting on the Urinary Excretion of Nitrogen and Purine Derivatives by Zebu‹i›(Bos) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf Research, 1996, 10, 39-47.	1.2	13
46	Comparative feeding value of forages from two cereal-legume based cropping systems for beef production from crossbred (Bos taurus Ã— Bos indicus) steers and subsequent performance of underfed and realimented steers. Animal Science, 1995, 61, 35-42.	1.3	11
47	Effects of season, browse species and polyethylene glycol addition on gas production kinetics of forages in the subhumid subtropical savannah, South Africa. Journal of the Science of Food and Agriculture, 2013, 93, 1338-1348.	3.5	11
48	Consequences of Increases in Ambient Temperature and Effect of Climate Type on Digestibility of Forages by Ruminants: A Meta-Analysis in Relation to Global Warming. Animals, 2021, 11, 172.	2.3	10
49	Complementarity of bird-resistant and non-bird-resistant varieties of sorghum stover with cottonseed cake and noug (Guizotia abyssinica) cake when fed to sheep. Journal of Agricultural Science, 1998, 130, 229-239.	1.3	9
50	The nutritional composition, fermentation characteristics, in sacco degradation and fungal pathogen dynamics of sugarcane tops ensiled with broiler litter with or without water. Animal Feed Science and Technology, 2001, 94, 171-185.	2.2	9
51	The influence of source and level of protein, and implantation with zeranol on sheep growth. Livestock Science, 2002, 74, 103-112.	1.2	9
52	Use ofClonostachys roseaagainst sheep nematodes developing in pastures. Biocontrol Science and Technology, 2014, 24, 389-398.	1.3	9
53	Change in growth performance of crossbred (Ankoleâ€‰Ã—â€‰Jersey) dairy heifers fed on forage grass diets supplemented with commercial concentrates. Tropical Animal Health and Production, 2016, 48, 741-746.	1.4	9
54	Utilization of Barley Straw by Steers: Effects of Replacing Urea with Protein, Source of Protein and Quantity of Rumen Degradable Nitrogen on Straw Degradation, Liquid and Particle Passage Rates and Intake. Journal of Applied Animal Research, 1999, 16, 129-146.	1.2	8

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55	Reproductive performance, colostrum and milk constituents of mimosine-adapted South African Nguni goats on Leucaena leucocephala-grass or natural pastures. Small Ruminant Research, 2004, 52, 253-260.	1.2	8
56	Relevance and Potential Use ofIn vitroGas Production Measurements to Evaluate Varying Ratios of Roughages and Protein Sources for Ruminants. Journal of Applied Animal Research, 2009, 35, 9-16.	1.2	8
57	Effect of direct-fed microbial consortia on ruminal fermentation of maize stover in sheep. Small Ruminant Research, 2013, 111, 71-75.	1.2	8
58	Effects of diet and roughage quality, and period of the day on diurnal feeding behaviour patterns of sheep and goats under subtropical conditions. Asian-Australasian Journal of Animal Sciences, 2019, 32, 675-690.	2.4	8
59	Digestible Organic Matter Requirements of Ethiopian Menz Sheep: Model and Application. Journal of Applied Animal Research, 1997, 11, 83-100.	1.2	7
60	Utilisation of Barley Straw by Steers: The Effect of Quantity and Source of Nitrogen on the Degradation of Straw Fractions, Particle Outflow Rate and Intake. Journal of Applied Animal Research, 1998, 14, 33-50.	1.2	7
61	Effects of supplementation of grass hay with non-conventional agro-industrial by-products on rumen fermentation characteristics and microbial nitrogen supply in rams. Small Ruminant Research, 2003, 50, 141-151.	1.2	7
62	Studies on the ability of two isolates ofBacillus thuringiensis, an isolate ofClonostachys rosea f. roseaand a diatomaceous earth product to control gastrointestinal nematodes of sheep. Biocontrol Science and Technology, 2013, 23, 1067-1082.	1.3	7
63	Effect of Celmanax on feed intake, live weight gain and nematode control in growing sheep. African Journal of Agricultural Research Vol Pp, 2014, 9, 695-700.	0.5	7
64	Effects of postpartumTrypanosoma vivaxinfection on feed intake, livevveight changes, milk yield and composition in West African Dwarf ewes and associated lamb growth rates. Journal of Agricultural Science, 1994, 123, 387-392.	1.3	6
65	The effect of multi-purpose tree digesta onin vitro gas production from napier grass or neutral-detergent fibre. Journal of the Science of Food and Agriculture, 1995, 69, 519-528.	3.5	6
66	The effect of feeding pods of multipurpose trees (MPTs) on the degradability of dry matter and cell wall constituents of maize stover and alfalfa incubated in the rumen of sheep. Journal of the Science of Food and Agriculture, 2001, 81, 1235-1243.	3.5	6
67	The effects of Leucaena leucocephala on semen quality, fertility and reproductive performance of dihydroxy pyridone-adapted South African Nguni goats. Journal of Agricultural Science, 2002, 139, 205-211.	1.3	6
68	Accuracy of two optical chlorophyll meters in predicting chemical composition and inÂvitro ruminal organic matter degradability of Brachiaria hybrid, Megathyrsus maximus , and Paspalum atratum. Animal Nutrition, 2017, 3, 67-76.	5.1	6
69	Strategic Supplementation of Crossbred Steers Fed Forages from Cereal-Legume Cropping Systems with Cowpea Hay. Journal of Applied Animal Research, 1997, 11, 169-182.	1.2	5
70	Modelling of digesta passage rates in grazing and browsing domestic and wild ruminant herbivores. South African Journal of Animal Sciences, 2017, 47, 362-377.	0.5	5
71	Effects of roughage quality, period of day and time lapse after meal termination on rumen digesta load in goats and sheep. Asian-Australasian Journal of Animal Sciences, 2018, 31, 1183-1196.	2.4	5
72	Effect of Supplementing Graded Levels of Forage Legumes on Performance of Crossbred Calves Fed Tef(Eragrostis tef)Straw. Journal of Applied Animal Research, 2004, 26, 107-112.	1.2	4

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73	Season and plant species influence foraging efficiency of Nguni goats in pens. African Journal of Range and Forage Science, 2011, 28, 29-34.	1.4	4
74	In vitro control of parasitic nematodes of small ruminants using some plant species containing flavonoids. Tropical Animal Health and Production, 2017, 49, 375-382.	1.4	4
75	Seasonal variation in forage quality and mimosine contents of two varieties ofLeucaena leucocephala. African Journal of Range and Forage Science, 2001, 18, 131-135.	1.4	3
76	Composition of colostrum and milk of South African indigenousNgunigoats grazing natural pasture and supplemented with concentrate. African Journal of Range and Forage Science, 2003, 20, 47-51.	1.4	3
77	A production function analysis of commercial dairy farms in the Highlands of Eritrea using ridge regression. Agrekon, 2006, 45, 225-242.	1.3	3
78	A new control strategy for nematodes of sheep using chlamydospores of a fungus,Clonostachys rosea f. rosea, and an ethanolic extract of a plant,Ananas comosus. Biocontrol Science and Technology, 2014, 24, 860-871.	1.3	3
79	Stocking Rate Has No Confounding Effect on the Use of Internal and Inert Markers to Predict Botanical Composition, Diet Quality, Degradability and Passage Rate Kinetics in Sheep. Animals, 2020, 10, 2232.	2.3	3
80	A review of some characteristics, socio-economic aspects and utilization of Zulu sheep: implications for conservation. Tropical Animal Health and Production, 2011, 43, 1075-1079.	1.4	2
81	Wattle tannins as control strategy for gastrointestinal nematodes in sheep. African Journal of Agricultural Research Vol Pp, 2014, 9, 2185-2189.	0.5	2
82	Nutritive Value of Maize Stover Harvested at Two Stages of Maturity and Mixed with Different Types and Levels of Protein Supplements. Journal of Applied Animal Research, 2007, 32, 89-95.	1.2	1
83	In Vitro Cellulase Production from Five Herbivore Microbial Ecosystems and Consortia. Annals of Animal Science, 2014, 14, 329-340.	1.6	1
84	Nutritional Characteristics of Available Feed Resources in Maradi Area of Niger. Animal Nutrition and Feed Technology, 2017, 17, 229.	0.2	1
85	The buffalo co-infection conundrum. Trends in Parasitology, 2015, 31, 230-231.	3.3	0
86	In VitroManipulation of Jersey Cow Rumen Ecology with Enzymes or Microbes Obtained from Wild Ungulates. Animal Nutrition and Feed Technology, 2014, 14, 263.	0.2	0