Vincent Niderkorn

List of Publications by Year
in descending order

30	1,535	516710 16	477307 29
papers	citations	h-index	g-index

30	30	30	2442
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Impact of Tannin Supplementation on Proteolysis during Post-Ruminal Digestion in Wethers Using a Dynamic In Vitro System: A Plant (Medicago sativa) Digestomic Approach. Journal of Agricultural and Food Chemistry, 2022, 70, 2221-2230.	5.2	4
2	Effects of elevated CO₂ and extreme climatic events on forage quality and in vitro rumen fermentation in permanent grassland. Biogeosciences, 2021, 18, 4841-4853.	3.3	1
3	Cheese quality from cows given a tannin extract in 2 different grazing seasons. Journal of Dairy Science, 2021, 104, 9543-9555.	3.4	8
4	Opportunities Offered by Plant Bioactive Compounds to Improve Silage Quality, Animal Health and Product Quality for Sustainable Ruminant Production: A Review. Agronomy, 2021, 11, 86.	3.0	20
5	Effect of increasing the proportion of chicory in forage-based diets on intake and digestion by sheep. Animal, 2019, 13, 718-726.	3.3	16
6	Effects of Acacia mearnsii supplementation on nutrition, parasitological, blood parameters and methane emissions in Santa InÃªs sheep infected with Trichostrongylus colubriformis and Haemonchus contortus. Experimental Parasitology, 2019, 207, 107777.	1.2	19
7	Feeding lambs with silage mixtures of grass, sainfoin and red clover improves meat oxidative stability under high oxidative challenge. Meat Science, 2019, 156, 59-67.	5.5	32
8	Effects of including bioactive legumes in grass silage on digestion parameters, nitrogen balance and methane emissions in sheep. Grass and Forage Science, 2019, 74, 626-635.	2.9	6
9	Benefits of Condensed Tannins in Forage Legumes Fed to Ruminants: Importance of Structure, Concentration, and Diet Composition. Crop Science, 2019, 59, 861-885.	1.8	154
10	Complementarities between grasses and forage legumes from temperate and subtropical areas on in vitro rumen fermentation characteristics. Animal Feed Science and Technology, 2017, 228, 178-185.	2.2	20
11	Associative effects between fresh perennial ryegrass and white clover on dynamics of intake and digestion in sheep. Grass and Forage Science, 2017, 72, 691-699.	2.9	13
12	Associative effects between red clover and kikuyu grass silage: Proteolysis reduction and synergy during in vitro organic matter degradation. Animal Feed Science and Technology, 2017, 231, 107-110.	2.2	7
13	Silages containing bioactive forage legumes: a promising proteinâ€rich feed source for growing lambs. Grass and Forage Science, 2016, 71, 622-631.	2.9	28
14	Fatty acid composition of ruminal digesta and longissimus muscle from lambs fed silage mixtures including red clover, sainfoin, and timothy12. Journal of Animal Science, 2016, 94, 1550-1560.	0.5	32
15	Associative effects between orchardgrass and red clover silages on voluntary intake and digestion in sheep: Evidence of a synergy on digestible dry matter intake1. Journal of Animal Science, 2015, 93, 4967-4976.	0.5	20
16	A metaâ€analysis of climate change effects on forage quality in grasslands: specificities of mountain and <scp>M</scp>editerranean areas. Grass and Forage Science, 2015, 70, 239-254.	2.9	124
17	Sodium Hydroxide Enhances Extractability and Analysis of Proanthocyanidins in Ensiled Sainfoin (Onobrychis viciifolia). Journal of Agricultural and Food Chemistry, 2015, 63, 9471-9479.	5.2	12
18	Patterns of in vitro rumen fermentation of silage mixtures including sainfoin and red clover as bioactive legumes. Animal Feed Science and Technology, 2015, 208, 220-224.	2.2	13

#	Article	IF	Citations
19	Bioactive forage legumes as a strategy to improve silage quality and minimise nitrogenous losses. Animal Production Science, 2014, 54, 1826.	1.3	20
20	Fifty thousand years of Arctic vegetation and megafaunal diet. Nature, 2014, 506, 47-51.	27.8	505
21	Identification of bioactive grassland plants for reducing enteric methane production and rumen proteolysis using an in vitro screening assay. Animal Production Science, 2014, 54, 1805.	1.3	4
22	Synergistic effects of mixing cocksfoot and sainfoin on in vitro rumen fermentation. Role of condensed tannins. Animal Feed Science and Technology, 2012, 178, 48-56.	2.2	19
23	Occurrence of associative effects between grasses and legumes in binary mixtures on in vitro rumen fermentation characteristics1. Journal of Animal Science, 2011, 89, 1138-1145.	0.5	51
24	In vitro study of the effects of condensed tannins in sainfoin on the digestive process in the rumen at two vegetation cycles. Animal Feed Science and Technology, 2011, 170, 147-159.	2.2	27
25	In vitro rumen simulated (RUSITEC) metabolism of freshly cut or wilted grasses with contrasting polyphenol oxidase activities. Grass and Forage Science, 2011, 66, 196-205.	2.9	13
26	Cell wall component and mycotoxin moieties involved in the binding of fumonisin B₁and B₂by lactic acid bacteria. Journal of Applied Microbiology, 2009, 106, 977-985.	3.1	111
27	Stability of the bacteria-bound zearalenone complex in ruminal fluid and in simulated gastrointestinal environment in vitro. World Mycotoxin Journal, 2008, 1, 463-467.	1.4	7
28	Screening of fermentative bacteria for their ability to bind and biotransform deoxynivalenol, zearalenone and fumonisins in anin vitrosimulated corn silage model. Food Additives and Contaminants, 2007, 24, 406-415.	2.0	96
29	Binding of Fusarium mycotoxins by fermentative bacteria in vitro. Journal of Applied Microbiology, 2006, 101, 849-856.	3.1	151
30	Red clover silage: an alternative for mitigating the impact of nitrogen excretion in ovine production systems. Revista Brasileira De Zootecnia, 0, 48, .	0.8	2