

# Vincent Niderkorn

## List of Publications by Year in descending order

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Version: 2024-02-01

30  
papers

1,535  
citations

516710

16  
h-index

477307

29  
g-index

30  
all docs

30  
docs citations

30  
times ranked

2442  
citing authors

#	ARTICLE	IF	CITATIONS
1	Fifty thousand years of Arctic vegetation and megafaunal diet. <i>Nature</i> , 2014, 506, 47-51.	27.8	505
2	Benefits of Condensed Tannins in Forage Legumes Fed to Ruminants: Importance of Structure, Concentration, and Diet Composition. <i>Crop Science</i> , 2019, 59, 861-885.	1.8	154
3	Binding of Fusarium mycotoxins by fermentative bacteria in vitro. <i>Journal of Applied Microbiology</i> , 2006, 101, 849-856.	3.1	151
4	A meta-analysis of climate change effects on forage quality in grasslands: specificities of mountain and Mediterranean areas. <i>Grass and Forage Science</i> , 2015, 70, 239-254.	2.9	124
5	Cell wall component and mycotoxin moieties involved in the binding of fumonisin B <sub>1</sub> and B <sub>2</sub> by lactic acid bacteria. <i>Journal of Applied Microbiology</i> , 2009, 106, 977-985.	3.1	111
6	Screening of fermentative bacteria for their ability to bind and biotransform deoxynivalenol, zearalenone and fumonisins in an in vitro simulated corn silage model. <i>Food Additives and Contaminants</i> , 2007, 24, 406-415.	2.0	96
7	Occurrence of associative effects between grasses and legumes in binary mixtures on in vitro rumen fermentation characteristics. <i>Journal of Animal Science</i> , 2011, 89, 1138-1145.	0.5	51
8	Fatty acid composition of ruminal digesta and longissimus muscle from lambs fed silage mixtures including red clover, sainfoin, and timothy. <i>Journal of Animal Science</i> , 2016, 94, 1550-1560.	0.5	32
9	Feeding lambs with silage mixtures of grass, sainfoin and red clover improves meat oxidative stability under high oxidative challenge. <i>Meat Science</i> , 2019, 156, 59-67.	5.5	32
10	Silages containing bioactive forage legumes: a promising protein-rich feed source for growing lambs. <i>Grass and Forage Science</i> , 2016, 71, 622-631.	2.9	28
11	In vitro study of the effects of condensed tannins in sainfoin on the digestive process in the rumen at two vegetation cycles. <i>Animal Feed Science and Technology</i> , 2011, 170, 147-159.	2.2	27
12	Bioactive forage legumes as a strategy to improve silage quality and minimise nitrogenous losses. <i>Animal Production Science</i> , 2014, 54, 1826.	1.3	20
13	Associative effects between orchardgrass and red clover silages on voluntary intake and digestion in sheep: Evidence of a synergy on digestible dry matter intake. <i>Journal of Animal Science</i> , 2015, 93, 4967-4976.	0.5	20
14	Complementarities between grasses and forage legumes from temperate and subtropical areas on in vitro rumen fermentation characteristics. <i>Animal Feed Science and Technology</i> , 2017, 228, 178-185.	2.2	20
15	Opportunities Offered by Plant Bioactive Compounds to Improve Silage Quality, Animal Health and Product Quality for Sustainable Ruminant Production: A Review. <i>Agronomy</i> , 2021, 11, 86.	3.0	20
16	Synergistic effects of mixing cocksfoot and sainfoin on in vitro rumen fermentation. Role of condensed tannins. <i>Animal Feed Science and Technology</i> , 2012, 178, 48-56.	2.2	19
17	Effects of <i>Acacia mearnsii</i> supplementation on nutrition, parasitological, blood parameters and methane emissions in Santa Inês sheep infected with <i>Trichostrongylus colubriformis</i> and <i>Haemonchus contortus</i> . <i>Experimental Parasitology</i> , 2019, 207, 107777.	1.2	19
18	Effect of increasing the proportion of chicory in forage-based diets on intake and digestion by sheep. <i>Animal</i> , 2019, 13, 718-726.	3.3	16

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19	In vitro rumen simulated (RUSITEC) metabolism of freshly cut or wilted grasses with contrasting polyphenol oxidase activities. <i>Grass and Forage Science</i> , 2011, 66, 196-205.	2.9	13
20	Patterns of in vitro rumen fermentation of silage mixtures including sainfoin and red clover as bioactive legumes. <i>Animal Feed Science and Technology</i> , 2015, 208, 220-224.	2.2	13
21	Associative effects between fresh perennial ryegrass and white clover on dynamics of intake and digestion in sheep. <i>Grass and Forage Science</i> , 2017, 72, 691-699.	2.9	13
22	Sodium Hydroxide Enhances Extractability and Analysis of Proanthocyanidins in Ensiled Sainfoin ( <i>Onobrychis viciifolia</i> ). <i>Journal of Agricultural and Food Chemistry</i> , 2015, 63, 9471-9479.	5.2	12
23	Cheese quality from cows given a tannin extract in 2 different grazing seasons. <i>Journal of Dairy Science</i> , 2021, 104, 9543-9555.	3.4	8
24	Stability of the bacteria-bound zearalenone complex in ruminal fluid and in simulated gastrointestinal environment in vitro. <i>World Mycotoxin Journal</i> , 2008, 1, 463-467.	1.4	7
25	Associative effects between red clover and kikuyu grass silage: Proteolysis reduction and synergy during in vitro organic matter degradation. <i>Animal Feed Science and Technology</i> , 2017, 231, 107-110.	2.2	7
26	Effects of including bioactive legumes in grass silage on digestion parameters, nitrogen balance and methane emissions in sheep. <i>Grass and Forage Science</i> , 2019, 74, 626-635.	2.9	6
27	Identification of bioactive grassland plants for reducing enteric methane production and rumen proteolysis using an in vitro screening assay. <i>Animal Production Science</i> , 2014, 54, 1805.	1.3	4
28	Impact of Tannin Supplementation on Proteolysis during Post-Ruminal Digestion in Wethers Using a Dynamic <i>In Vitro</i> System: A Plant ( <i>Medicago sativa</i> ) Digestomic Approach. <i>Journal of Agricultural and Food Chemistry</i> , 2022, 70, 2221-2230.	5.2	4
29	Red clover silage: an alternative for mitigating the impact of nitrogen excretion in ovine production systems. <i>Revista Brasileira De Zootecnia</i> , 0, 48, .	0.8	2
30	Effects of elevated CO <sub>2</sub> and extreme climatic events on forage quality and in vitro rumen fermentation in permanent grassland. <i>Biogeosciences</i> , 2021, 18, 4841-4853.	3.3	1