

# Alexandra S Muscher-Banse

## List of Publications by Year in descending order

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Version: 2024-02-01

21  
papers

234  
citations

840119

11  
h-index

996533

15  
g-index

21  
all docs

21  
docs citations

21  
times ranked

142  
citing authors

#	ARTICLE	IF	CITATIONS
1	Renal mechanisms of calcium homeostasis in sheep and goats <sup>1</sup> . <i>Journal of Animal Science</i> , 2015, 93, 1608-1621.	0.2	26
2	Hormonal regulation of phosphate homeostasis in goats during transition to rumination. <i>Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology</i> , 2008, 178, 585-596.	0.7	21
3	Review: Regulation of gastrointestinal and renal transport of calcium and phosphorus in ruminants. <i>Animal</i> , 2020, 14, s29-s43.	1.3	20
4	Modulation of intestinal calcium and phosphate transport in young goats fed a nitrogen- and/or calcium-reduced diet. <i>British Journal of Nutrition</i> , 2015, 114, 1949-1964.	1.2	18
5	Effects of a reduced nitrogen diet on calcitriol levels and calcium metabolism in growing goats. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2010, 121, 304-307.	1.2	17
6	Modulation of electrolyte homeostasis by dietary nitrogen intake in growing goats. <i>British Journal of Nutrition</i> , 2011, 105, 1619-1626.	1.2	13
7	Modulation of aquaporin 2 expression in the kidney of young goats by changes in nitrogen intake. <i>Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology</i> , 2014, 184, 929-936.	0.7	13
8	Ex vivo intestinal studies on calcium and phosphate transport in growing goats fed a reduced nitrogen diet. <i>British Journal of Nutrition</i> , 2012, 108, 628-637.	1.2	12
9	Dietary nitrogen and calcium modulate bone metabolism in young goats. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2016, 164, 188-193.	1.2	11
10	A reduced protein diet modulates enzymes of vitamin D and cholesterol metabolism in young ruminants. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2019, 186, 196-202.	1.2	11
11	Dietary phosphorus restriction affects bone metabolism, vitamin D metabolism and rumen fermentation traits in sheep. <i>Journal of Animal Physiology and Animal Nutrition</i> , 2021, 105, 35-50.	1.0	11
12	Dietary nitrogen and calcium modulate CYP27B1 expression in young goats. <i>Domestic Animal Endocrinology</i> , 2018, 64, 70-76.	0.8	10
13	Modulation of apical Na <sup>+</sup> /P <sub>i</sub> cotransporter type IIb expression in epithelial cells of goat mammary glands. <i>Journal of Animal Physiology and Animal Nutrition</i> , 2009, 93, 477-485.	1.0	9
14	Modulation of growth hormone receptor-insulin-like growth factor 1 axis by dietary protein in young ruminants. <i>British Journal of Nutrition</i> , 2020, 123, 652-663.	1.2	9
15	Mechanisms and regulation of epithelial phosphate transport in ruminants: approaches in comparative physiology. <i>Pflügers Archiv European Journal of Physiology</i> , 2019, 471, 185-191.	1.3	8
16	Modulation of intestinal glucose transport in response to reduced nitrogen supply in young goats <sup>1</sup> . <i>Journal of Animal Science</i> , 2012, 90, 4995-5004.	0.2	7
17	Expression of Tight Junction Proteins and Cadherin 17 in the Small Intestine of Young Goats Offered a Reduced N and/or Ca Diet. <i>PLoS ONE</i> , 2016, 11, e0154311.	1.1	7
18	Gastrointestinal transport of calcium and phosphate in lactating goats. <i>Livestock Science</i> , 2016, 189, 23-31.	0.6	4

#	ARTICLE	IF	CITATIONS
19	Modulation of Intestinal Phosphate Transport in Young Goats Fed a Low Phosphorus Diet. International Journal of Molecular Sciences, 2021, 22, 866.	1.8	3
20	Dietary protein and calcium modulate parathyroid vitamin D receptor expression in young ruminants. Journal of Steroid Biochemistry and Molecular Biology, 2020, 196, 105503.	1.2	2
21	Effects of diets differing in dietary cation-anion difference and calcium concentration on calcium homeostasis in neutered male sheep. Journal of Dairy Science, 2021, 104, 11537-11552.	1.4	2