

Michael S Allen

List of Publications by Year in descending order

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31
papers

2,845
citations

471061

17
h-index

454577

30
g-index

31
all docs

31
docs citations

31
times ranked

1959
citing authors

#	ARTICLE	IF	CITATIONS
1	Effects of Diet on Short-Term Regulation of Feed Intake by Lactating Dairy Cattle. <i>Journal of Dairy Science</i> , 2000, 83, 1598-1624.	1.4	1,064
2	Relationship Between Fermentation Acid Production in the Rumen and the Requirement for Physically Effective Fiber. <i>Journal of Dairy Science</i> , 1997, 80, 1447-1462.	1.4	600
3	Physical constraints on voluntary intake of forages by ruminants.. <i>Journal of Animal Science</i> , 1996, 74, 3063.	0.2	379
4	THE COW AS A MODEL TO STUDY FOOD INTAKE REGULATION. <i>Annual Review of Nutrition</i> , 2005, 25, 523-547.	4.3	128
5	Drives and limits to feed intake in ruminants. <i>Animal Production Science</i> , 2014, 54, 1513.	0.6	117
6	Intraruminal Infusion of Propionate Alters Feeding Behavior and Decreases Energy Intake of Lactating Dairy Cows. <i>Journal of Nutrition</i> , 2003, 133, 1094-1099.	1.3	73
7	Metabolic Control of Feed Intake. <i>Veterinary Clinics of North America - Food Animal Practice</i> , 2013, 29, 279-297.	0.5	65
8	Fat Supplements Affect Fractional Rates of Ruminal Fatty Acid Biohydrogenation and Passage in Dairy Cows. <i>Journal of Nutrition</i> , 2006, 136, 677-685.	1.3	51
9	Phlorizin Administration Increases Hepatic Gluconeogenic Enzyme mRNA Abundance but Not Feed Intake in Late-Lactation Dairy Cows ¹⁻³ . <i>Journal of Nutrition</i> , 2005, 135, 2206-2211.	1.3	40
10	Extent of Hypophagia Caused by Propionate Infusion Is Related to Plasma Glucose Concentration in Lactating Dairy Cows. <i>Journal of Nutrition</i> , 2003, 133, 1105-1112.	1.3	36
11	Carbohydrate Nutrition. <i>Veterinary Clinics of North America - Food Animal Practice</i> , 2014, 30, 577-597.	0.5	34
12	Modification of native grasses for biofuel production may increase virus susceptibility. <i>GCB Bioenergy</i> , 2011, 3, 360-374.	2.5	30
13	Control of food intake by metabolism of fuels: a comparison across species. <i>Proceedings of the Nutrition Society</i> , 2012, 71, 401-409.	0.4	21
14	Propionate is not an important regulator of plasma leptin concentration in dairy cattle. <i>Domestic Animal Endocrinology</i> , 2006, 30, 65-75.	0.8	20
15	Propionate Challenge Tests Have Limited Value for Investigating Bovine Metabolism. <i>Journal of Nutrition</i> , 2006, 136, 1915-1920.	1.3	20
16	Highly fermentable starch at different diet starch concentrations decreased feed intake and milk yield of cows in the early postpartum period. <i>Journal of Dairy Science</i> , 2018, 101, 8902-8915.	1.4	20
17	Increased anaplerosis of the tricarboxylic acid cycle decreased meal size and energy intake of cows in the postpartum period. <i>Journal of Dairy Science</i> , 2017, 100, 4425-4434.	1.4	18
18	Corn Silage. <i>Agronomy</i> , 0, , 547-608.	0.2	16

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19	Fuels derived from starch digestion have different effects on energy intake and metabolic responses of cows in the postpartum period. <i>Journal of Dairy Science</i> , 2018, 101, 5082-5091.	1.4	16
20	Temporal effects of ruminal propionic acid infusion on feeding behavior of Holstein cows in the postpartum period. <i>Journal of Dairy Science</i> , 2018, 101, 3077-3084.	1.4	16
21	Phlorizin Administration Does Not Attenuate Hypophagia Induced by Intraruminal Propionate Infusion in Lactating Dairy Cattle. <i>Journal of Nutrition</i> , 2007, 137, 326-330.	1.3	15
22	Hypophagic Effects of Ammonium Are Greater When Infused with Propionate Compared with Acetate in Lactating Dairy Cows. <i>Journal of Nutrition</i> , 2003, 133, 1100-1104.	1.3	12
23	Hepatic metabolism of propionate relative to meals for cows in the postpartum period. <i>Journal of Dairy Science</i> , 2019, 102, 7997-8010.	1.4	10
24	Sodium Mercaptoacetate Is Not a Useful Probe to Study the Role of Fat in Regulation of Feed Intake in Dairy Cattle. <i>Journal of Nutrition</i> , 1997, 127, 171-176.	1.3	9
25	Effects of propionate concentration on short-term metabolism in liver explants from dairy cows in the postpartum period. <i>Journal of Dairy Science</i> , 2020, 103, 11449-11460.	1.4	8
26	Temporal effects of ruminal infusion of propionic acid on hepatic metabolism in cows in the postpartum period. <i>Journal of Dairy Science</i> , 2019, 102, 9781-9790.	1.4	6
27	Effects of corn grain endosperm type and conservation method on feed intake, feeding behavior, and productive performance of lactating dairy cows. <i>Journal of Dairy Science</i> , 2021, 104, 7604-7616.	1.4	6
28	Effects of rate and amount of propionic acid infused into the rumen on feeding behavior of Holstein cows in the postpartum period. <i>Journal of Dairy Science</i> , 2019, 102, 8120-8126.	1.4	5
29	Effects of corn grain endosperm type and fineness of grind on feed intake, feeding behavior, and productive performance of lactating dairy cows. <i>Journal of Dairy Science</i> , 2021, 104, 7630-7640.	1.4	4
30	The effects of fructose and phosphate infusions on dry matter intake of lactating cows. <i>Journal of Dairy Science</i> , 2017, 100, 2651-2659.	1.4	3
31	Do more mechanistic models increase accuracy of prediction of metabolisable protein supply in ruminants?. <i>Animal Production Science</i> , 2019, 59, 1991.	0.6	3